

Table H. - Engineering Index Properties

Northwest Elko County Area, Nevada, Part Of Elko And Eureka Counties

Absence of an entry indicates that the data were not estimated.

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
001: Rubble Land	0-60	Fragmental Material	GP GW	A-1	30-65	30-65	0-10	0-5	0-5	0	0-14	NP
120: Cotant	0-3	Gravelly Clay Loam	CL	A-6	0	0	60-85	50-70	40-65	35-60	35-45	15-20
	3-20	Clay	GC CH CL	A-7	0	0	90-100	75-100	60-100	50-95	45-65	25-40
	20-24	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
Lerrow	0-9	Gravelly Loam	SC	A-6	0	0-10	70-80	60-75	55-65	40-50	30-35	10-15
	9-14	Clay Loam	CL	A-7	0	0	55-90	50-85	45-80	35-65	40-50	20-25
	14-27	Gravelly Clay Loam Cobbly Clay Gravelly Clay Clay	GC CH	A-7	0-5	10-25	75-95	65-85	60-75	55-70	50-60	25-35
	27-31	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
Cotant	0-3	Gravelly Clay Loam	CL	A-6	0	0	60-85	50-70	40-65	35-60	35-45	15-20
	3-20	Clay	GC CH CL	A-7	0	0	90-100	75-100	60-100	50-95	45-65	25-40
	20-24	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
126: Cotant	0-3	Very Gravelly Loam	GC	A-2	0	0-5	50-60	35-50	30-45	25-35	30-35	10-15
	3-20	Clay	CH CL	A-7	0	0	90-100	75-100	60-100	50-95	45-65	25-40
	20-24	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Northwest Elko County Area, Nevada, Part Of Elko And Eureka Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
126: Lerrow	In											
	0-9	Cobbly Loam	CL SC	A-6	0	30-40	80-95	75-90	65-75	45-55	30-35	10-15
	9-14	Clay Loam	CL	A-7	0	0	55-90	50-85	45-80	35-65	40-50	20-25
	14-27	Gravelly Clay Loam Cobbly Clay	GC CH	A-7	0-5	10-25	75-95	65-85	60-75	55-70	50-60	25-35
	27-31	Gravelly Clay Clay Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
Akler	0-4	Loam	CL SC	A-6	0	0-10	80-90	75-85	65-80	45-65	30-35	10-15
	4-18	Clay	CH	A-7	0	0	80-100	75-100	65-90	50-70	55-70	30-45
	18-22	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
Crooked Creek	---				---	---	---	---	---	---	---	---
127: Cotant	0-3	Very Gravelly Silty Clay	GC	A-2	0	0	35-55	30-50	25-45	25-35	35-45	15-20
	3-20	Clay	CH CL	A-7	0	0	90-100	75-100	60-100	50-95	45-65	25-40
	20-24	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
Ninemile	0-4	Very Cobbly Loam	CL CL-ML	A-4	1-5	30-65	70-90	70-85	60-75	50-60	25-30	5-10
	4-19	Clay Gravelly Clay	CH	A-7	0	0-15	70-100	65-100	60-90	50-80	55-65	30-35
	19-23	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Northwest Elko County Area, Nevada, Part Of Elko And Eureka Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct					Pct	
127: Lerrow	In											
	0-9	Gravelly Loam	SC	A-6	0	0-10	70-80	60-75	55-65	40-50	30-35	10-15
	9-14	Clay Loam	CL	A-7	0	0	55-90	50-85	45-80	35-65	40-50	20-25
		Gravelly Clay Loam	GC									
	14-27	Cobbly Clay Gravelly Clay Clay	CH	A-7	0-5	10-25	75-95	65-85	60-75	55-70	50-60	25-35
	27-31	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
Crooked Creek	---				---	---	---	---	---	---	---	---
128: Cotant	0-3	Very Gravelly Loam	GC	A-2	0	0-5	50-60	35-50	30-45	25-35	30-35	10-15
	3-20	Clay	CH CL	A-7	0	0	90-100	75-100	60-100	50-95	45-65	25-40
	20-24	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
Graley	0-12	Very Gravelly Loam	GM	A-1 A-2	0	0-5	30-50	25-45	20-40	15-30	20-25	NP-5
	12-17	Very Gravelly Clay Loam	GC	A-2	0	0-25	40-55	35-50	30-50	25-40	45-55	20-30
		Very Gravelly Clay		A-7								
	17-21	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Crooked Creek	---				---	---	---	---	---	---	---	---
129: Cotant	0-3	Very Gravelly Clay Loam	GC	A-2	0	0	35-55	30-50	25-45	25-35	35-45	15-20
	3-20	Clay	CH CL	A-7	0	0	90-100	75-100	60-100	50-95	45-65	25-40
	20-24	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Northwest Elko County Area, Nevada, Part Of Elko And Eureka Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
129: Chen	In											
	0-7	Very Gravelly Loam	GC	A-2	0	0-15	50-65	35-50	30-45	25-35	30-35	10-15
	7-15	Very Cobbly Clay Extremely Gravelly Clay Very Gravelly Clay	GC	A-2 A-7	0-5	0-45	35-50	25-45	25-45	20-40	50-60	25-35
	15-19	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Crooked Creek	0-4	Silty Clay Loam	CL	A-6	0	0	95-100	95-100	95-100	80-90	30-35	10-15
	4-37	Clay Silty Clay	CH	A-7	0	0	95-100	95-100	90-100	75-95	50-65	25-35
	37-60	Silty Clay Loam Clay Loam Silt Loam	CL	A-6 A-7	0	0	85-100	80-100	75-95	60-85	35-50	15-25
Crooked Creek	---				---	---	---	---	---	---	---	---
130: Cotant	0-3	Gravelly Clay Loam	CL	A-6	0	0	60-85	50-70	40-65	35-60	35-45	15-20
			GC	A-7								
	3-20	Clay	CH	A-7	0	0	90-100	75-100	60-100	50-95	45-65	25-40
			CL									
Booford	20-24	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
	0-10	Silt Loam	CL	A-6	0	0	90-100	85-100	55-95	50-95	25-35	10-15
	10-19	Silty Clay Loam Clay Loam Clay	MH	A-7	0	0	80-95	75-90	65-90	60-85	45-60	15-25
			ML									
	19-36	Silty Clay Clay	MH	A-7	0	0	80-90	75-85	70-80	65-75	50-65	20-30
	36-46	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
140:												

Table H. - Engineering Index Properties - Continued

Northwest Elko County Area, Nevada, Part Of Elko And Eureka Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
140: Uprville	0-10	Gravelly Loam	CL CL-ML SC-SM	A-4	0	0-10	70-90	60-85	55-80	40-65	25-30	5-10
	10-21	Very Gravelly Sandy Loam Gravelly Coarse Sandy Very Gravelly Loam	GC GC-GM SC SC-SM	A-2 A-4 A-6	0	0-20	45-80	40-75	35-65	30-50	25-35	5-15
	21-60	Extremely Gravelly Coarse Sand Extremely Cobbly Sand Extremely Cobbly Loamy Sand	GP GP-GM GW-GM	A-1	0	25-50	15-40	10-35	10-25	0-10	---	NP
Uprville	0-10	Gravelly Loam	CL CL-ML SC-SM	A-4	0	0-10	70-90	60-85	55-80	40-65	25-30	5-10
	10-21	Very Gravelly Loam Gravelly Coarse Sandy Very Gravelly Sandy Loam	GC GC-GM SC SC-SM	A-2 A-4 A-6	0	0-20	45-80	40-75	35-65	30-50	25-35	5-15
	21-60	Extremely Cobbly Loamy Sand Extremely Gravelly Coarse Sand Extremely Cobbly Sand	GP GP-GM GW-GM	A-1	0	25-50	15-40	10-35	10-25	0-10	---	NP
Cumulic Haplaquolls	---				---	---	---	---	---	---	---	---
141:												

Table H. - Engineering Index Properties - Continued

Northwest Elko County Area, Nevada, Part Of Elko And Eureka Counties

Map Symbol and Soil Name	Depth In	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches Pct	3-10 Inches Pct	4	10	40	200		
141: Kleckner	0-8	Gravelly Loam	CL CL-ML ML	A-4	0	0-25	65-90	60-85	55-80	50-75	25-35	5-10
	8-20	Very Gravelly Clay Loam Very Cobbly Clay Loam Very Cobbly Clay	GC SC	A-2 A-7	0	10-45	45-70	30-60	30-55	25-45	40-55	25-35
	20-42	Very Gravelly Clay Very Cobbly Clay Very Gravelly Clay Loam	GC SC	A-2 A-7	0	0-45	45-90	25-50	25-45	20-40	40-55	25-35
	42-60	Extremely Gravelly Sandy Loam	GC-GM GP-GC	A-1 A-2	0	0-10	20-30	15-25	10-20	5-15	25-30	5-10
Upville	0-12	Gravelly Loam	CL CL-ML SC-SM	A-4	0	0-10	70-90	60-85	55-80	40-65	25-30	5-10
	12-26	Gravelly Coarse Sandy Very Gravelly Sandy Loam Very Gravelly Loam	GC GC-GM SC	A-2 A-4 A-6	0	0-20	45-80	40-75	35-65	30-50	25-35	5-15
	26-60	Extremely Gravelly Coarse Sand	SC-SM GP	A-1	0	25-50	15-40	10-35	10-25	0-10	---	NP
		Extremely Cobbly Sand Extremely Cobbly Loamy Sand	GP-GM GW-GM									
150:												

Table H. - Engineering Index Properties - Continued

Northwest Elko County Area, Nevada, Part Of Elko And Eureka Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
150: Gochea	0-9	Gravelly Loam	GC-GM GM SC-SM SM	A-2 A-4	0	0	55-80	50-75	30-55	25-50	20-30	NP-10
	9-25	Gravelly Clay Loam Gravelly Sandy Clay Loam	CL GC SC	A-6 A-7	0	0	60-95	50-90	45-85	35-65	30-45	10-20
	25-30	Sandy Loam Gravelly Loam	GM ML SM	A-2 A-4	0	0	60-95	55-90	35-75	25-55	20-25	NP-5
	30-60	Very Gravelly Sand Extremely Gravelly Sand	GP	A-1	0	0	25-50	15-35	10-20	0-5	---	NP
161: Sonoma	0-12	Silt Loam	CL	A-6	0	0	100	100	100	95-100	30-35	10-15
	12-60	Stratified Silt Loam To Silty Clay Loam	CL ML	A-6 A-7	0	0	100	100	100	95-100	35-50	10-25
162: Sonoma	0-12	Silt Loam	CL	A-6	0	0	95-100	95-100	85-100	70-90	30-35	10-15
	12-60	Stratified Silt Loam To Silty Clay Loam	CL ML	A-6 A-7	0	0	100	100	100	95-100	35-50	10-25
184: Crooked Creek	0-3	Silty Clay Loam	CL	A-6	0	0	95-100	95-100	95-100	80-90	30-35	10-15
	3-37	Clay	CH	A-7	0	0	95-100	95-100	90-100	75-95	50-65	25-35
	37-60	Silty Clay Silt Loam Silty Clay Loam Clay Loam	CL	A-6 A-7	0	0	85-100	80-100	75-95	60-85	35-50	15-25
Welch, Frequently Flooded	---				---	---	---	---	---	---	---	---

Distribution Generation Date:

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Table H. - Engineering Index Properties - Continued

Northwest Elko County Area, Nevada, Part Of Elko And Eureka Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
184:	In											
185:												
Crooked Creek	0-4	Silty Clay Loam	CL	A-6	0	0	95-100	95-100	95-100	80-90	30-35	10-15
	4-37	Clay	CH	A-7	0	0	95-100	95-100	90-100	75-95	50-65	25-35
	37-60	Silty Clay Silty Clay Loam Clay Loam Silt Loam	CL	A-6 A-7	0	0	85-100	80-100	75-95	60-85	35-50	15-25
Crooked Creek	0-4	Silty Clay Loam	CL	A-6	0	0	95-100	95-100	95-100	80-90	30-35	10-15
	4-37	Clay	CH	A-7	0	0	95-100	95-100	90-100	75-95	50-65	25-35
	37-60	Silty Clay Silty Clay Loam Clay Loam Silt Loam	CL	A-6 A-7	0	0	85-100	80-100	75-95	60-85	35-50	15-25
Crooked Creek	---				---	---	---	---	---	---	---	---
186:												
Crooked Creek	0-4	Silty Clay Loam	CL	A-6	0	0	95-100	95-100	95-100	80-90	30-35	10-15
	4-37	Clay	CH	A-7	0	0	95-100	95-100	90-100	75-95	50-65	25-35
	37-60	Silty Clay Silty Clay Loam Clay Loam Silt Loam	CL	A-6 A-7	0	0	85-100	80-100	75-95	60-85	35-50	15-25
Crooked Creek	0-4	Silty Clay Loam	CL	A-6	0	0	95-100	95-100	95-100	80-90	30-35	10-15
	4-37	Clay	CH	A-7	0	0	95-100	95-100	90-100	75-95	50-65	25-35
	37-60	Silty Clay Clay Loam Silt Loam Silty Clay Loam	CL	A-6 A-7	0	0	85-100	80-100	75-95	60-85	35-50	15-25

Table H. - Engineering Index Properties - Continued

Northwest Elko County Area, Nevada, Part Of Elko And Eureka Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
186:	In											
Crooked Creek	0-4	Silty Clay Loam	CL	A-6 A-7	0	0	100	95-100	85-100	80-90	35-45	15-20
	4-37	Silty Clay Clay	CH CL	A-7	0	0	90-100	80-100	70-90	65-85	40-55	20-25
	37-60	Silty Clay Loam Clay Loam	CL	A-6 A-7	0	0	85-100	80-100	75-95	70-90	35-45	15-20
Crooked Creek	---				---	---	---	---	---	---	---	---
Cumulic Haplaquolls	---				---	---	---	---	---	---	---	---
188:												
Crooked Creek	0-4	Silty Clay Loam	CL	A-6	0	0	95-100	95-100	95-100	80-90	30-35	10-15
	4-37	Clay Silty Clay	CH CL	A-7	0	0	95-100	95-100	90-100	75-95	50-65	25-35
	37-60	Silty Clay Loam Clay Loam Silt Loam	CL	A-6 A-7	0	0	85-100	80-100	75-95	60-85	35-50	15-25
Welch	0-10	Silt Loam	CL CL-ML	A-4	0	0	95-100	95-100	85-95	60-70	25-30	5-10
	10-60	Stratified Sandy Loam To Silty Clay Loam	CL	A-6 A-7	0	0	80-100	75-100	65-90	50-70	35-45	15-20
Crooked Creek	0-4	Silty Clay Loam	CL	A-6 A-7	0	0	100	95-100	85-100	80-90	35-45	15-20
	4-37	Silty Clay Clay	CH CL	A-7	0	0	90-100	80-100	70-90	65-85	40-55	20-25
	37-60	Silty Clay Loam Clay Loam	CL	A-6 A-7	0	0	85-100	80-100	75-95	70-90	35-45	15-20

Table H. - Engineering Index Properties - Continued

Northwest Elko County Area, Nevada, Part Of Elko And Eureka Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
188: Crooked Creek	---				---	---	---	---	---	---	---	---
Welch	---				---	---	---	---	---	---	---	---
190: Heechee	0-7	Gravelly Loam	CL CL-ML SC SC-SM	A-4 A-6	0	0-5	75-85	55-75	40-60	40-55	25-35	5-15
	7-27	Very Cobbly Loam Very Cobbly Clay Loam Very Gravelly Sandy Clay Loam	GC GC	A-2 A-6	0-15	15-50	45-75	35-65	30-60	25-50	30-40	10-20
	27-61	Extremely Cobbly Sandy Loam Extremely Cobbly Coarse Sandy Loam	GC-GM GM GP-GC GP-GM	A-1 A-2	0-10	45-55	30-60	20-50	10-35	5-20	20-30	NP-10
Heechee	0-7	Cobbly Loam	CL CL-ML SC SC-SM	A-4 A-6	0-10	15-25	80-95	70-80	60-75	45-60	25-35	5-15
	7-27	Very Cobbly Clay Loam Very Gravelly Sandy Clay Loam	GC	A-2 A-6	0-15	25-50	45-75	35-65	30-60	25-50	30-40	10-20
	27-61	Very Cobbly Loam Extremely Cobbly Sandy Loam Extremely Cobbly Coarse Sandy Loam Extremely Cobbly Loam	GC-GM GM GP-GC GP-GM	A-1 A-2	0-10	45-55	30-60	20-50	10-35	5-20	20-30	NP-10
Crooked Creek	---				---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Northwest Elko County Area, Nevada, Part Of Elko And Eureka Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
190:	In				Pct	Pct					Pct	
200:												
Lynnbow	0-4	Silt Loam	CL	A-4	0	0	95-100	90-100	85-95	70-80	25-35	5-15
	4-26	Silty Clay	CL-ML	A-6	0	0	80-100	75-100	75-100	65-90	55-70	30-40
	26-40	Clay	CH	A-7	0	0	80-100	75-100	75-100	65-90	45-65	20-35
	40-58	Silty Clay Loam	CL	A-7	0	0	80-100	75-100	75-100	65-90	45-65	20-35
	40-58	Loam	SC	A-4	0	0	80-100	75-100	55-85	35-50	25-35	5-10
			SC-SM									
			SM									
	58-68	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
Rugar	0-2	Loam	CL	A-4	0	0	80-100	75-95	60-85	50-70	25-35	5-15
	2-20	Clay Loam	CL-ML	A-6	0	0	80-100	75-95	65-90	55-75	35-45	15-20
	20-43	Clay	CL	A-6	0	0	80-100	75-95	65-90	55-75	35-45	15-20
	20-43	Clay	CH	A-7	0	0-5	80-100	75-95	65-90	55-70	45-60	25-35
	43-47	Weathered Bedrock	CL	A-7	0	0-5	80-100	75-95	65-90	55-70	45-60	25-35
			---	---	---	---	---	---	---	---	---	---
Crooked Creek, Frequently Flooded	---				---	---	---	---	---	---	---	---
201:												

Table H. - Engineering Index Properties - Continued

Northwest Elko County Area, Nevada, Part Of Elko And Eureka Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
201: Lynnbow	In											
	0-4	Silt Loam	CL	A-4	0	0	95-100	90-100	85-95	70-80	25-35	5-15
	4-26	Clay	CL-ML	A-6								
		Silty Clay	CH	A-7	0	0	80-100	75-100	75-100	65-90	55-70	30-40
	26-40	Clay	CH	A-7	0	0	80-100	75-100	75-100	65-90	45-65	20-35
		Silty Clay	CL									
Lerrow	40-58	Loam	SC	A-4	0	0	80-100	75-100	55-85	35-50	25-35	5-10
			SC-SM									
			SM									
	58-68	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
	0-9	Gravelly Loam	SC	A-6	0	0-10	70-80	60-75	55-65	40-50	30-35	10-15
	9-14	Clay Loam	CL	A-7	0	0	55-90	50-85	45-80	35-65	40-50	20-25
Crooked Creek	14-27	Gravelly Clay Loam	GC									
		Cobbly Clay	CH	A-7	0-5	10-25	75-95	65-85	60-75	55-70	50-60	25-35
		Gravelly Clay										
		Clay										
210:	27-31	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
	0-4	Silty Clay Loam	CL	A-6	0	0	95-100	95-100	95-100	80-90	30-35	10-15
	4-37	Clay	CH	A-7	0	0	95-100	95-100	90-100	75-95	50-65	25-35
		Silty Clay										
	37-60	Silty Clay Loam	CL	A-6	0	0	85-100	80-100	75-95	60-85	35-50	15-25
		Clay Loam		A-7								
		Silt Loam										

Table H. - Engineering Index Properties - Continued

Northwest Elko County Area, Nevada, Part Of Elko And Eureka Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
210: Soonaker	In											
	0-3	Fine Sandy Loam	ML	A-4	0	0	95-100	85-100	65-85	45-55	20-25	NP-5
	3-16	Loam	SM CL	A-4	0	0	95-100	75-100	75-95	60-75	25-35	5-15
	16-24	Gravelly Sandy Loam Very Gravelly Sandy Loam Gravelly Loam	CL-ML GC GC-GM GM SC SC-SM	A-6 A-1 A-2 A-4 A-6	0	0-5	55-80	45-75	30-45	15-40	20-35	NP-15
	24-28	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Bulake	0-7	Gravelly Loam	CL GC	A-6	0	0-10	60-80	55-75	50-75	40-60	25-35	10-15
	7-19	Clay Gravelly Clay	CH	A-7	0	0-10	60-95	55-90	55-85	50-80	50-60	30-40
	19-23	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
220: Cavanaugh	0-5	Very Stony Loam	CL CL-ML ML	A-4	5-20	5-15	90-100	85-95	75-85	60-70	25-35	5-10
	5-9	Cobbly Clay Cobbly Clay Loam	CH CL	A-7	0-5	15-40	85-95	80-90	70-80	55-75	40-55	20-30
	9-21	Very Cobbly Clay Extremely Cobbly Clay Very Gravelly Clay Loam	CH CL GC	A-7	0-5	35-65	50-70	45-65	40-60	35-55	40-55	20-30
	21-25	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Northwest Elko County Area, Nevada, Part Of Elko And Eureka Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct					Pct	
220: Rugar	In											
	0-2	Clay Loam	CL	A-6	0	0	80-100	75-95	65-90	55-75	35-45	15-20
	2-20	Clay Loam	CL	A-6 A-7	0	0	80-100	75-95	65-90	55-75	35-45	15-20
	20-43	Clay	CH CL	A-7	0	0-5	80-100	75-95	65-90	55-70	45-60	25-35
	43-47	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
Mcivey	0-16	Cobbly Loam	CL	A-6	0	15-25	75-95	65-90	60-80	50-70	30-40	10-15
	16-29	Gravelly Clay Loam Very Gravelly Clay Loam	CL GC SC	A-7	0	0-10	55-85	45-75	40-70	35-60	40-45	20-25
	29-65	Extremely Cobbly Clay Very Gravelly Clay Very Cobbly Clay	GC	A-2 A-7	0-25	10-55	45-60	35-50	35-45	30-45	45-55	30-35
Crooked Creek	---				---	---	---	---	---	---	---	---
221: Cavanaugh	0-5	Very Stony Loam	CL CL-ML ML	A-4	5-20	5-15	90-100	85-95	75-85	60-70	25-35	5-10
	5-9	Cobbly Clay Cobbly Clay Loam	CH CL	A-7	0-5	15-40	85-95	80-90	70-80	55-75	40-55	20-30
	9-21	Very Cobbly Clay Extremely Cobbly Clay Very Gravelly Clay Loam	CH CL GC	A-7	0-5	35-65	50-70	45-65	40-60	35-55	40-55	20-30
	21-25	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Northwest Elko County Area, Nevada, Part Of Elko And Eureka Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
221: Alyan	In											
	0-9	Gravelly Clay Loam	CL GC	A-2 A-6 A-7	0	0-5	55-80	50-75	40-65	30-60	35-45	15-20
	9-16	Clay	CH CL	A-7	0	0-5	80-90	75-85	65-80	50-65	45-60	20-35
	16-28	Gravelly Clay	CH CL GC	A-7	0	0-5	55-80	50-75	40-65	35-55	45-60	20-35
	28-32	Very Gravelly Clay	GC	A-2 A-7	0	0-5	45-55	40-50	35-45	25-40	45-60	20-35
	32-36	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Quarz	0-6	Very Gravelly Loam	GC	A-2	0	0-15	40-55	35-50	30-45	20-35	25-35	10-15
	6-21	Very Gravelly Clay Very Gravelly Clay Loam	GC	A-2 A-7	0	0-25	30-55	25-50	20-45	15-40	45-60	20-30
	21-25	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
233: Bioya	0-10	Loam	CL-ML ML	A-4	0	0	100	95-100	80-100	50-80	20-30	NP-10
	10-36	Silt Loam Loam	CL CL-ML	A-4 A-6	0	0	100	95-100	85-100	50-80	25-35	5-15
	36-60	Indurated	---	---	---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Northwest Elko County Area, Nevada, Part Of Elko And Eureka Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches Pct	3-10 Inches Pct	4	10	40	200		
			In									
233: Bilbo	0-5	Gravelly Loam	CL CL-ML GC GC-GM SC	A-4 A-6	0	0-10	65-90	55-75	50-70	40-55	25-35	5-15
	5-40	Very Gravelly Sandy Clay Very Gravelly Clay Very Gravelly Clay Loam	GC	A-2 A-7	0	0-25	45-65	35-50	30-45	20-40	40-55	20-35
	40-60	Extremely Gravelly Loamy Sand Very Gravelly Sandy Loam	GM GP-GM	A-1	0	0-10	30-60	15-50	10-40	5-20	15-25	NP-5
Chiara	0-6	Silt Loam	ML	A-4	0	0	95-100	90-100	85-95	70-80	25-35	NP-5
	6-17	Very Fine Sandy Loam Loam Silt Loam	ML	A-4	0	0	95-100	90-100	80-95	70-80	25-35	NP-5
	17-40	Indurated	---	---	---	---	---	---	---	---	---	---
234: Bioya	0-10	Very Fine Sandy Loam	CL-ML ML	A-4	0	0	100	95-100	85-100	50-80	20-30	NP-10
	10-36	Silt Loam Loam	CL CL-ML	A-4 A-6	0	0	100	95-100	85-100	50-80	25-35	5-15
	36-60	Indurated	---	---	---	---	---	---	---	---	---	---
Puett	0-3	Stony Sandy Loam	SM	A-4	1-5	5-10	90-100	90-100	60-75	35-50	15-20	NP-5
	3-10	Coarse Sandy Loam Gravelly Sandy Loam Loam	GM ML SM	A-1 A-2 A-4	0	0	55-95	50-90	30-80	15-55	---	NP
	10-14	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Northwest Elko County Area, Nevada, Part Of Elko And Eureka Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
234: Shabliss	In											
	0-10	Very Fine Sandy Loam	ML	A-4	0	0	90-100	75-100	65-90	55-65	20-25	NP-5
	10-16	Cemented	---	---	---	---	---	---	---	---	---	---
	16-35	Loam	ML	A-4	0	0	90-100	75-100	65-90	50-60	15-25	NP-5
	35-60	Fine Sandy Loam Very Gravelly Fine Sandy Loam Very Gravelly Loamy Sand	GM GP-GM SM SP-SM	A-1	0	0	50-75	25-50	15-40	5-25	15-25	NP-5
235: Bioya	0-10	Loam	CL-ML ML	A-4	0	0	100	95-100	80-100	50-80	20-30	NP-10
	10-36	Silt Loam	CL	A-4	0	0	100	95-100	85-100	50-80	25-35	5-15
	36-60	Loam	CL-ML	A-6								
		Indurated	---	---	---	---	---	---	---	---	---	---
Trunk	0-5	Gravelly Loam	GC-GM GM SC-SM SM	A-4	0	0-5	55-80	50-75	45-70	35-50	20-30	NP-10
	5-23	Gravelly Clay Gravelly Clay Loam	CH CL GC	A-7	0	0-10	55-85	50-80	45-75	40-65	40-55	20-30
	23-27	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Northwest Elko County Area, Nevada, Part Of Elko And Eureka Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
235: Alley	In											
	0-7	Very Stony Loam	SM	A-4	15-25	10-15	80-90	65-80	50-60	35-45	25-30	NP-5
	7-20	Gravelly Clay Loam	GC	A-6	0	0-10	65-80	55-75	50-65	35-50	30-35	15-20
		Gravelly Sandy Clay Loam	SC									
		Gravelly Loam										
	20-40	Gravelly Fine Sandy Loam	GM	A-2	0-10	0-40	60-85	50-80	35-75	25-40	25-30	NP-5
		Cobbly Fine Sandy Loam	SM	A-4								
236: Bioya		Gravelly Sandy Loam										
	40-60	Very Cobbly Fine Sandy Loam	SM	A-2	0-15	30-45	70-75	60-70	45-55	25-35	25-30	NP-5
	0-10	Very Fine Sandy Loam	CL-ML	A-4	0	0	100	95-100	85-100	50-80	20-30	NP-10
			ML									
	10-36	Silt Loam	CL	A-4	0	0	100	95-100	85-100	50-80	25-35	5-15
		Loam	CL-ML	A-6								
Kleckner	36-60	Indurated	---	---	---	---	---	---	---	---	---	---
	0-8	Gravelly Loam	CL	A-4	0	0-25	65-90	60-85	55-80	50-75	25-35	5-10
			CL-ML									
			ML									
	8-20	Very Gravelly Clay Loam	GC	A-2	0	10-45	45-70	30-60	30-55	25-45	40-55	25-35
		Very Cobbly Clay Loam	SC	A-7								
		Very Cobbly Clay										
	20-42	Very Gravelly Clay Loam	GC	A-2	0	0-45	45-90	25-50	25-45	20-40	40-55	25-35
		Very Gravelly Clay	SC	A-7								
		Very Cobbly Clay										
	42-60	Extremely Gravelly Sandy Loam	GC-GM GP-GC	A-1 A-2	0	0-10	20-30	15-25	10-20	5-15	25-30	5-10

Table H. - Engineering Index Properties - Continued

Northwest Elko County Area, Nevada, Part Of Elko And Eureka Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct					Pct	
236: Wieland	In											
	0-4	Loam	CL-ML	A-4	0	0	90-100	75-100	70-90	50-75	20-30	NP-10
	4-30	Gravelly Clay	ML									
		Clay	CH	A-7	0	0-5	75-95	55-90	50-80	45-75	50-60	25-35
241: Wickahoney	30-60	Loam	SC									
		Gravelly Loam	CL-ML	A-2	0	0-5	65-95	55-90	40-85	25-70	20-30	5-10
		Gravelly Sandy Loam	SC	A-4								
			SC-SM									
Deunah	0-2	Extremely Stony Loam	CL	A-6	15-30	20-30	80-90	75-85	60-75	50-65	30-35	10-15
	2-6	Cobbly Clay Loam	CL	A-6	5-25	5-30	75-90	70-85	60-80	45-65	30-40	10-20
		Very Stony Clay Loam	SC									
		Stony Loam										
Petan	6-14	Very Cobbly Clay	CH	A-7	5-25	20-50	55-95	50-90	45-85	40-75	40-55	20-35
		Very Gravelly Clay	CL									
		Very Gravelly Clay Loam	GC									
			SC									
270:	14-18	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
	0-9	Loam	CL	A-4	0	0-10	95-100	95-100	80-100	70-90	20-35	5-15
	9-26	Clay	CL-ML	A-6								
	26-33	Indurated	CH	A-7	0	0-10	95-100	95-100	90-100	85-95	60-80	30-45
270:	33-37	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
	0-6	Very Cobbly Loam	---	---	---	---	---	---	---	---	---	---
	6-19	Very Cobbly Clay	CL	A-6	1-5	40-55	70-90	65-85	60-70	50-60	25-35	10-15
		Very Stony Clay	CH	A-7	20-45	15-40	65-85	60-80	55-75	50-70	50-65	25-40
270:	19-20	Indurated	---	---	---	---	---	---	---	---	---	---
	20-30	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Northwest Elko County Area, Nevada, Part Of Elko And Eureka Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
270: Pernty	0-5	Very Gravelly Loam	GC	A-2	0	0-10	40-55	35-50	25-35	20-30	30-35	10-15
	5-14	Very Cobbly Clay Loam	GC	A-6	0-5	10-30	50-60	45-55	40-50	35-45	35-45	15-20
		Very Gravelly Clay Loam		A-7								
	14-18	Very Gravelly Loam Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Loncan	0-17	Very Gravelly Loam	GC	A-2	0	10-15	40-60	30-45	25-40	20-35	30-35	10-15
	17-30	Very Gravelly Loam	GC	A-2	0-5	5-55	35-60	30-50	25-40	20-35	30-35	10-15
		Extremely Cobbly Loam										
		Very Gravelly Sandy Clay Loam										
Pernty	30-34	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
	0-5	Very Gravelly Loam	GC	A-2	0	0-10	40-55	35-50	25-35	20-30	30-35	10-15
	5-14	Very Cobbly Clay Loam	GC	A-6	0-5	10-30	50-60	45-55	40-50	35-45	35-45	15-20
		Very Gravelly Clay Loam		A-7								
Typic Haplaquolls	14-18	Very Gravelly Loam Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
280: Humboldt	0-12	Silty Clay Loam	CL	A-7	0	0	100	100	100	90-100	40-50	20-25
	12-52	Stratified Silty Clay Loam To Clay	MH	A-7	0	0	90-100	90-100	85-100	80-100	50-60	15-25
	52-60	Stratified Silt Loam To Silty Clay	CL ML	A-6 A-7	0	0	90-100	90-100	85-100	80-100	30-50	10-20
Humboldt	---				---	---	---	---	---	---	---	---
308:												

Table H. - Engineering Index Properties - Continued

Northwest Elko County Area, Nevada, Part Of Elko And Eureka Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct					Pct	
308: Akler	In											
	0-4	Loam	CL	A-6	0	0-10	80-90	75-85	65-80	45-65	30-35	10-15
	4-18	Clay	SC									
	18-22	Weathered Bedrock	CH	A-7	0	0	80-100	75-100	65-90	50-70	55-70	30-45
			---	---	---	---	---	---	---	---	---	---
Pattani	0-14	Clay	CH	A-7	0	0	95-100	90-100	80-90	70-80	50-60	30-40
	14-37	Clay Loam	CH	A-7	0	0	85-95	80-90	75-85	65-80	40-55	25-35
		Silty Clay Loam	CL									
	37-41	Clay										
		Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
Cotant	0-3	Cobbly Loam	CL	A-6	0	15-30	80-90	70-80	60-70	50-60	25-35	10-15
	3-20	Clay	CH	A-7	0	0-5	90-100	75-100	60-95	50-85	45-65	25-40
			CL									
	20-24	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
Welch, Frequently Flooded	---				---	---	---	---	---	---	---	---
309: Akler	0-4	Loam	CL	A-6	0	0-10	80-90	75-85	65-80	45-65	30-35	10-15
			SC									
	4-18	Clay	CH	A-7	0	0	80-100	75-100	65-90	50-70	55-70	30-45
	18-22	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
Susie Creek	0-10	Loam	CL	A-6	0	0	90-100	75-100	70-95	55-75	30-35	10-15
	10-30	Clay Loam	CH	A-7	0	0-10	90-100	85-100	70-100	70-95	40-60	20-30
		Clay	CL									
	30-60	Clay Loam	CL	A-4	0	0-10	90-100	85-100	65-85	50-70	25-35	5-15
		Loam	CL-ML	A-6								
457:												

Table H. - Engineering Index Properties - Continued

Northwest Elko County Area, Nevada, Part Of Elko And Eureka Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct					Pct	
457: Donna	0-10	Gravelly Loam	CL	A-6	0	0	65-75	60-75	55-70	50-60	30-40	10-20
	10-30	Clay	CH	A-7	0	0	80-90	75-85	75-80	70-80	60-70	30-40
	30-48	Indurated	---	---	---	---	---	---	---	---	---	---
	48-60	Stratified Extremely Gravelly Sandy Loam To Gravelly Sandy Clay Loam	GC	A-2	0-5	10-35	40-55	30-40	20-30	10-20	30-40	10-20
Stampede	0-16	Gravelly Loam	CL	A-6	0	0	70-80	65-75	60-70	50-65	25-35	10-15
	16-37	Clay	CH	A-7	0	0-10	90-100	85-95	80-90	70-85	50-60	30-40
	37-60	Silty Clay Indurated	---	---	---	---	---	---	---	---	---	---
Short Creek	0-8	Gravelly Clay Loam	GC SC	A-6	0	0-15	60-80	50-75	45-65	35-50	35-40	20-25
	8-23	Very Gravelly Clay	GC	A-2 A-7	0	0-10	45-55	35-50	35-45	30-40	50-55	35-40
	23-60	Extremely Gravelly Sandy Clay Loam	GC GP-GC	A-2	0	0-15	30-35	15-25	15-20	5-15	35-45	20-30
		Extremely Gravelly Clay Loam	GW-GC									
458: Donna	0-10	Gravelly Loam	CL	A-6	0	0	65-75	60-75	55-70	50-60	30-40	10-20
	10-30	Clay	CH	A-7	0	0	80-90	75-85	75-80	70-80	60-70	30-40
	30-48	Indurated	---	---	---	---	---	---	---	---	---	---
	48-60	Stratified Extremely Gravelly Sandy Loam To Gravelly Sandy Clay Loam	GC	A-2	0-5	10-35	40-55	30-40	20-30	10-20	30-40	10-20

Table H. - Engineering Index Properties - Continued

Northwest Elko County Area, Nevada, Part Of Elko And Eureka Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct					Pct	
458: Stampede	In											
	0-16	Gravelly Loam	CL	A-6	0	0	70-80	65-75	60-70	50-65	25-35	10-15
	16-37	Clay	CH	A-7	0	0-10	90-100	85-95	80-90	70-85	50-60	30-40
	37-60	Silty Clay Indurated	---	---	---	---	---	---	---	---	---	---
464: Stampede	0-16	Silt Loam	CL	A-6	0	0	90-100	85-95	75-90	65-80	25-35	10-15
	16-37	Clay	CH	A-7	0	0-10	90-100	85-95	80-90	70-85	50-60	30-40
	37-60	Silty Clay Indurated	---	---	---	---	---	---	---	---	---	---
Crooked Creek, Frequently Flooded	---				---	---	---	---	---	---	---	---
570: Sumine	0-10	Very Gravelly Loam	GC	A-2	0	10-15	50-65	45-60	40-50	30-40	20-30	5-10
			GC-GM	A-4								
	10-29	Very Gravelly Clay Loam	GC	A-2	0-5	15-40	45-70	35-65	30-50	25-45	35-45	15-25
		Very Cobbly Clay Loam		A-6								
		Very Gravelly Loam		A-7								
	29-33	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Cleavage	0-4	Extremely Gravelly Loam	GC	A-2	0	0-10	35-45	15-25	10-25	10-20	25-30	5-10
			GC-GM									
	4-18	Very Cobbly Clay Loam	GC	A-2	0-5	0-45	40-55	30-45	25-45	20-35	30-45	10-20
		Extremely Gravelly Clay Loam										
		Very Gravelly Loam										
	18-22	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Northwest Elko County Area, Nevada, Part Of Elko And Eureka Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
570: Hapgood	In											
	0-13	Very Gravelly Loam	GC-GM	A-2	0	0	40-55	35-50	30-40	25-35	20-30	NP-10
	13-41	Very Gravelly Fine Sandy Loam	GM GC GC-GM	A-2	0	0-10	50-60	45-55	35-50	25-35	25-30	5-10
	41-55	Very Gravelly Loam Very Cobbly Loam	GM	A-1	0	15-40	55-65	50-60	35-45	20-35	20-30	NP-5
	55-59	Very Gravelly Sandy Loam Unweathered Bedrock		A-2 ---	---	---	---	---	---	---	---	---
Cumulic Haplaquolls	---				---	---	---	---	---	---	---	---
571: Sumine	0-10	Very Gravelly Loam	GC GC-GM	A-2 A-4	0	10-15	50-65	45-60	40-50	30-40	20-30	5-10
	10-29	Very Gravelly Clay Loam Very Cobbly Clay Loam Very Gravelly Loam	GC	A-2 A-6 A-7	0-5	15-40	45-70	35-65	30-50	25-45	35-45	15-25
	29-33	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Tusel	0-17	Gravelly Loam	GM SM	A-4	0	0-10	55-80	50-75	45-70	35-50	25-35	NP-10
	17-58	Extremely Gravelly Clay Loam Very Gravelly Clay Loam Extremely Gravelly Sandy Clay Loam	GC	A-2	0	15-45	30-50	25-40	20-35	15-30	30-40	10-20
	58-62	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Northwest Elko County Area, Nevada, Part Of Elko And Eureka Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
571: Gando	In											
	0-9	Very Gravelly Loam	GC-GM GM	A-1 A-2	0	0-5	40-60	25-50	20-35	15-30	20-30	NP-10
	9-17	Extremely Gravelly Loam Very Gravelly Loam Extremely Gravelly Sandy Loam	GM	A-1 A-2	0-5	0-30	30-40	20-35	15-30	10-25	20-35	NP-10
	17-21	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
572: Sumine												
	0-10	Very Gravelly Loam	GC GC-GM	A-2 A-4	0	10-15	50-65	45-60	40-50	30-40	20-30	5-10
	10-29	Very Gravelly Clay Loam Very Cobbly Clay Loam Very Gravelly Loam	GC	A-2 A-6 A-7	0-5	15-40	45-70	35-65	30-50	25-45	35-45	15-25
	29-33	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Reluctan												
	0-9	Cobbly Loam	CL CL-ML SC-SM	A-4	0-5	10-30	80-90	70-90	60-85	40-70	20-30	5-10
	9-27	Gravelly Clay Loam Gravelly Loam	CL GC	A-6 A-7	0-5	0-15	65-85	60-75	55-75	40-60	35-45	15-20
	27-37	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Cleavage												
	0-4	Very Gravelly Loam	GC GC-GM	A-2 A-4 A-6	0	0-10	50-70	30-50	25-45	20-40	25-35	5-15
	4-18	Very Cobbly Clay Loam Extremely Gravelly Clay Loam	GC	A-2	0-5	0-45	40-55	30-45	25-45	20-35	30-45	10-20
	18-22	Very Gravelly Loam Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---

576:

Table H. - Engineering Index Properties - Continued

Northwest Elko County Area, Nevada, Part Of Elko And Eureka Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
576: Sumine	In											
	0-10	Very Gravelly Loam	GC	A-2	0	10-15	50-65	45-60	40-50	30-40	20-30	5-10
	10-29	Very Gravelly Clay Loam Very Cobbly Clay Loam Very Gravelly Loam	GC-GM GC	A-4 A-2 A-6 A-7	0-5	15-40	45-70	35-65	30-50	25-45	35-45	15-25
	29-33	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Hapgood	0-13	Very Gravelly Loam	GC-GM	A-2	0	0	40-55	35-50	30-40	25-35	20-30	NP-10
	13-41	Very Gravelly Fine Sandy Loam Very Gravelly Loam Very Cobbly Loam Very Gravelly Sandy Loam	GM GC GC-GM	A-2	0	0-10	50-60	45-55	35-50	25-35	25-30	5-10
	41-55	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
	55-59											
Cleavage	0-4	Very Gravelly Loam	GC	A-2	0	0-10	50-70	30-50	25-45	20-40	25-35	5-15
	4-18	Very Cobbly Clay Loam Extremely Gravelly Clay Loam Very Gravelly Loam	GC-GM GC	A-4 A-2 A-6	0-5	0-45	40-55	30-45	25-45	20-35	30-45	10-20
	18-22	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
577: Sumine	0-10	Very Gravelly Loam	GC	A-2	0	10-15	50-65	45-60	40-50	30-40	20-30	5-10
	10-29	Very Gravelly Loam Very Cobbly Clay Loam Very Gravelly Clay Loam	GC-GM GC	A-4 A-2 A-6 A-7	0-5	15-40	45-70	35-65	30-50	25-45	35-45	15-25
	29-33	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Northwest Elko County Area, Nevada, Part Of Elko And Eureka Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
577: Hapgood	In											
	0-13	Very Gravelly Loam	GC-GM	A-2	0	0	40-55	35-50	30-40	25-35	20-30	NP-10
	13-41	Very Gravelly Loam Very Gravelly Fine Sandy Loam	GM GC GC-GM	A-2	0	0-10	50-60	45-55	35-50	25-35	25-30	5-10
	41-55	Very Cobbly Loam Very Gravelly Sandy Loam	GM	A-1 A-2	0	15-40	55-65	50-60	35-45	20-35	20-30	NP-5
	55-59	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Chen	0-7	Very Gravelly Loam	GC	A-2	0	0-15	50-65	35-50	30-45	25-35	30-35	10-15
	7-15	Extremely Gravelly Clay Very Cobbly Clay Very Gravelly Clay	GC	A-2 A-7	0-5	0-45	35-50	25-45	25-45	20-40	50-60	25-35
	15-19	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
578: Sumine	0-10	Very Gravelly Loam	GC GC-GM	A-2 A-4	0	10-15	50-65	45-60	40-50	30-40	20-30	5-10
	10-29	Very Gravelly Clay Loam Very Cobbly Clay Loam Very Gravelly Loam	GC	A-2 A-6 A-7	0-5	15-40	45-70	35-65	30-50	25-45	35-45	15-25
	29-33	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Tusel	0-17	Gravelly Loam	GM SM	A-4	0	0-10	55-80	50-75	45-70	35-50	25-35	NP-10
	17-58	Extremely Gravelly Sandy Clay Loam Extremely Gravelly Clay Loam Very Gravelly Clay Loam	GC	A-2	0	15-45	30-50	25-40	20-35	15-30	30-40	10-20
	58-62	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Northwest Elko County Area, Nevada, Part Of Elko And Eureka Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct					Pct	
578: Hapgood	In											
	0-13	Very Gravelly Loam	GC-GM	A-2	0	0	40-55	35-50	30-40	25-35	20-30	NP-10
	13-41	Very Gravelly Fine Sandy Loam	GC	A-2	0	0-10	50-60	45-55	35-50	25-35	25-30	5-10
	41-55	Very Gravelly Loam Very Cobbly Loam	GC-GM									
	55-59	Very Gravelly Sandy Loam Unweathered Bedrock	GM	A-1 A-2	0	15-40	55-65	50-60	35-45	20-35	20-30	NP-5
Welch	---		---	---	---	---	---	---	---	---	---	---
579: Sumine	0-10	Very Gravelly Loam	GC	A-2	0	10-15	50-65	45-60	40-50	30-40	20-30	5-10
	10-29	Very Gravelly Clay Loam Very Cobbly Clay Loam Very Gravelly Loam	GC-GM GC	A-4 A-2 A-6 A-7	0-5	15-40	45-70	35-65	30-50	25-45	35-45	15-25
	29-33	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Pernty	0-5	Very Stony Loam	GC	A-2	5-25	5-10	50-60	45-55	35-45	25-35	30-35	10-15
	5-14	Very Gravelly Clay Loam Very Gravelly Loam Very Cobbly Clay Loam	GC	A-6 A-7	0	10-35	50-60	45-55	40-50	35-45	35-45	15-20
	14-18	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Tusel	0-17	Very Gravelly Loam	GM	A-2	0	0-15	50-60	40-50	35-45	25-35	25-35	NP-10
	17-58	Extremely Gravelly Sandy Clay Loam Extremely Gravelly Clay Loam Very Gravelly Clay Loam	GC	A-2	0	15-45	30-50	25-40	20-35	15-30	30-40	10-20
	58-62	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Northwest Elko County Area, Nevada, Part Of Elko And Eureka Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
579: Welch	---				---	---	---	---	---	---	---	---
580: Sumine	0-10	Very Gravelly Loam	GC	A-2	0	10-15	50-65	45-60	40-50	30-40	20-30	5-10
	10-29	Very Gravelly Clay Loam	GC-GM	A-4								
		Very Cobbly Clay Loam	GC	A-2	0-5	15-40	45-70	35-65	30-50	25-45	35-45	15-25
		Very Gravelly Loam		A-6								
	29-33	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Pie Creek	0-5	Very Cobbly Silt Loam	CL	A-4	0	30-40	50-70	45-70	35-65	35-65	25-35	5-15
			CL-ML	A-6								
			GC									
	5-23	Clay	GC-GM									
	23-27	Unweathered Bedrock	CH	A-7	0	0	95-100	90-100	85-95	80-90	65-70	35-40
			---	---	---	---	---	---	---	---	---	---
Reluctan	0-9	Gravelly Loam	CL-ML	A-4	0	5-10	70-80	60-75	50-65	40-55	25-30	5-10
			SC									
	9-27	Gravelly Clay Loam	SC-SM									
		Gravelly Loam	CL	A-6	0	0-15	65-85	60-75	55-75	40-60	35-45	15-20
	27-31	Unweathered Bedrock	GC	A-7								
			---	---	---	---	---	---	---	---	---	---
Welch, Occasionally	---				---	---	---	---	---	---	---	---
581:												

Table H. - Engineering Index Properties - Continued

Northwest Elko County Area, Nevada, Part Of Elko And Eureka Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
581: Hapgood	In											
	0-13	Very Gravelly Loam	GC-GM	A-2	0	0	40-55	35-50	30-40	25-35	20-30	NP-10
	13-41	Very Gravelly Loam Very Gravelly Fine Sandy Loam	GM GC GC-GM	A-2	0	0-10	50-60	45-55	35-50	25-35	25-30	5-10
	41-55	Very Gravelly Sandy Loam Very Cobbly Loam	GM	A-1 A-2	0	15-40	55-65	50-60	35-45	20-35	20-30	NP-5
	55-59	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Sumine	0-10	Very Gravelly Loam	GC GC-GM	A-2 A-4	0	10-15	50-65	45-60	40-50	30-40	20-30	5-10
	10-29	Very Gravelly Clay Loam Very Cobbly Clay Loam Very Gravelly Loam	GC	A-2 A-6 A-7	0-5	15-40	45-70	35-65	30-50	25-45	35-45	15-25
	29-33	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Cleavage	0-4	Extremely Gravelly Loam	GC GC-GM	A-2	0	0-10	35-45	15-25	10-25	10-20	25-30	5-10
	4-18	Very Cobbly Clay Loam Extremely Gravelly Clay Loam	GC	A-2	0-5	0-45	40-55	30-45	25-45	20-35	30-45	10-20
	18-22	Very Gravelly Loam Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Welch, Frequently Flooded	---				---	---	---	---	---	---	---	---
582: Sumine	0-10	Very Gravelly Loam	GC GC-GM	A-2 A-4	0	10-15	50-65	45-60	40-50	30-40	20-30	5-10
	10-29	Very Gravelly Loam Very Gravelly Clay Loam Very Cobbly Clay Loam	GC	A-2 A-6 A-7	0-5	15-40	45-70	35-65	30-50	25-45	35-45	15-25
	29-33	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Northwest Elko County Area, Nevada, Part Of Elko And Eureka Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
582:	In											
Tusel	0-17	Very Gravelly Loam	GM	A-2	0	0-15	50-60	40-50	35-45	25-35	25-35	NP-10
	17-58	Extremely Gravelly Sandy Clay Loam	GC	A-2	0	15-45	30-50	25-40	20-35	15-30	30-40	10-20
		Extremely Gravelly Clay Loam										
		Very Gravelly Clay Loam										
	58-62	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Cleavage	0-4	Very Gravelly Loam	GC GC-GM	A-2 A-4 A-6	0	0-10	50-70	30-50	25-45	20-40	25-35	5-15
	4-18	Very Cobbly Clay Loam Extremely Gravelly Clay Loam	GC	A-2	0-5	0-45	40-55	30-45	25-45	20-35	30-45	10-20
		Very Gravelly Loam										
	18-22	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
583:												
Sumine	0-10	Very Gravelly Loam	GC GC-GM	A-2 A-4	0	10-15	50-65	45-60	40-50	30-40	20-30	5-10
	10-29	Very Gravelly Loam Very Gravelly Clay Loam	GC	A-2 A-6	0-5	15-40	45-70	35-65	30-50	25-45	35-45	15-25
		Very Cobbly Clay Loam		A-7								
	29-33	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Northwest Elko County Area, Nevada, Part Of Elko And Eureka Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct					Pct	
583: Hapgood	In											
	0-13	Very Gravelly Loam	GC-GM	A-2	0	0	40-55	35-50	30-40	25-35	20-30	NP-10
	13-41	Very Gravelly Loam Very Gravelly Fine Sandy Loam	GM GC GC-GM	A-2	0	0-10	50-60	45-55	35-50	25-35	25-30	5-10
	41-55	Very Cobbly Loam Very Gravelly Sandy Loam	GM	A-1 A-2	0	15-40	55-65	50-60	35-45	20-35	20-30	NP-5
	55-59	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Pernty	0-5	Very Gravelly Loam	GC	A-2	0	0-10	40-55	35-50	25-35	20-30	30-35	10-15
	5-14	Very Gravelly Loam Very Gravelly Clay Loam Very Cobbly Clay Loam	GC	A-6 A-7	0-5	10-30	50-60	45-55	40-50	35-45	35-45	15-20
	14-18	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
584: Sumine	0-10	Very Gravelly Loam	GC	A-2	0	10-15	50-65	45-60	40-50	30-40	20-30	5-10
	10-29	Very Gravelly Clay Loam Very Cobbly Clay Loam Very Gravelly Loam	GC-GM GC	A-4 A-2 A-6 A-7	0-5	15-40	45-70	35-65	30-50	25-45	35-45	15-25
	29-33	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Tusel	0-17	Very Gravelly Loam	GM	A-2	0	0-15	50-60	40-50	35-45	25-35	25-35	NP-10
	17-58	Extremely Gravelly Sandy Clay Loam Extremely Gravelly Clay Loam Very Gravelly Clay Loam	GC	A-2	0	15-45	30-50	25-40	20-35	15-30	30-40	10-20
	58-62	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Northwest Elko County Area, Nevada, Part Of Elko And Eureka Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
584: Hapgood	In											
	0-13	Very Gravelly Loam	GC-GM	A-2	0	0	40-55	35-50	30-40	25-35	20-30	NP-10
	13-41	Very Gravelly Loam Very Gravelly Fine Sandy Loam	GM GC GC-GM	A-2	0	0-10	50-60	45-55	35-50	25-35	25-30	5-10
	41-55	Very Cobbly Loam Very Gravelly Sandy Loam	GM	A-1 A-2	0	15-40	55-65	50-60	35-45	20-35	20-30	NP-5
	55-59	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
585: Sumine												
	0-10	Very Gravelly Loam	GC GC-GM	A-2 A-4	0	10-15	50-65	45-60	40-50	30-40	20-30	5-10
	10-29	Very Gravelly Clay Loam Very Cobbly Clay Loam Very Gravelly Loam	GC	A-2 A-6 A-7	0-5	15-40	45-70	35-65	30-50	25-45	35-45	15-25
	29-33	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Rock Outcrop	---				---	---	---	---	---	---	---	---
Rubble Land	0-60	Fragmental Material	GP GW	A-1	30-65	30-65	0-10	0-5	0-5	0	0-14	NP
Cumulic Haplaquolls	---				---	---	---	---	---	---	---	---
586: Sumine												
	0-10	Very Gravelly Loam	GC GC-GM	A-2 A-4	0	10-15	50-65	45-60	40-50	30-40	20-30	5-10
	10-29	Very Gravelly Clay Loam Very Gravelly Loam Very Cobbly Clay Loam	GC	A-2 A-6 A-7	0-5	15-40	45-70	35-65	30-50	25-45	35-45	15-25
	29-33	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Northwest Elko County Area, Nevada, Part Of Elko And Eureka Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct					Pct	
586: Loncan	In											
	0-17	Very Gravelly Loam	GC	A-2	0	10-15	40-60	30-45	25-40	20-35	30-35	10-15
	17-30	Very Gravelly Loam Extremely Cobbly Loam Very Gravelly Sandy Clay Loam	GC	A-2	0-5	5-55	35-60	30-50	25-40	20-35	30-35	10-15
	30-34	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Cleavage	0-4	Extremely Gravelly Loam	GC	A-2	0	0-10	35-45	15-25	10-25	10-20	25-30	5-10
	4-18	Very Cobbly Clay Loam Extremely Gravelly Clay Loam	GC-GM GC	A-2	0-5	0-45	40-55	30-45	25-45	20-35	30-45	10-20
	18-22	Very Gravelly Loam Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Fluvaquentic Haplaquolls	---				---	---	---	---	---	---	---	---
600: Bullump	0-12	Very Gravelly Loam	GC SC	A-2	0	0-10	45-70	35-50	30-45	25-35	25-35	10-15
	12-46	Very Gravelly Clay Loam Very Gravelly Loam Very Gravelly Sandy Clay Loam	GC	A-2 A-6 A-7	0	0-15	40-65	30-50	25-45	15-40	35-45	15-20
	46-50	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Northwest Elko County Area, Nevada, Part Of Elko And Eureka Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct					Pct	
600: Hapgood	In											
	0-13	Very Gravelly Loam	GC-GM	A-2	0	0	40-55	35-50	30-40	25-35	20-30	NP-10
	13-41	Very Gravelly Fine Sandy Loam	GM GC GC-GM	A-2	0	0-10	50-60	45-55	35-50	25-35	25-30	5-10
	41-55	Very Gravelly Loam Very Cobbly Loam	GM	A-1	0	15-40	55-65	50-60	35-45	20-35	20-30	NP-5
	55-59	Very Gravelly Sandy Loam Unweathered Bedrock		A-2 ---	---	---	---	---	---	---	---	---
Gando	0-9	Very Gravelly Loam	GC-GM GM	A-1 A-2	0	0-5	40-60	25-50	20-35	15-30	20-30	NP-10
	9-17	Extremely Gravelly Loam Extremely Gravelly Sandy Loam	GM	A-1 A-2	0-5	0-30	30-40	20-35	15-30	10-25	20-35	NP-10
	17-21	Very Gravelly Loam Unweathered Bedrock		---	---	---	---	---	---	---	---	---
Cumulic Haplaquolls, Frequently Flooded	---				---	---	---	---	---	---	---	---
Cumulic Haplaquolls, Occasionally Flooded	---				---	---	---	---	---	---	---	---
601: Blitzen	0-10	Very Gravelly Loam	GC	A-2	0	0-10	35-55	30-50	25-40	20-30	30-35	10-15
	10-33	Very Gravelly Clay Very Gravelly Clay Loam	GC	A-2	0	0-10	35-55	30-50	25-40	20-35	45-65	20-35
	33-37	Weathered Bedrock		---	---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Northwest Elko County Area, Nevada, Part Of Elko And Eureka Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct					Pct	
601: Hapgood	In											
	0-13	Very Gravelly Loam	GC-GM	A-2	0	0	40-55	35-50	30-40	25-35	20-30	NP-10
	13-41	Very Gravelly Loam Very Gravelly Fine Sandy Loam	GM GC GC-GM	A-2	0	0-10	50-60	45-55	35-50	25-35	25-30	5-10
	41-55	Very Cobbly Loam Very Gravelly Sandy Loam	GM	A-1 A-2	0	15-40	55-65	50-60	35-45	20-35	20-30	NP-5
	55-59	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Tusel	0-17	Gravelly Loam	GM	A-4	0	0-10	55-80	50-75	45-70	35-50	25-35	NP-10
	17-58	Extremely Gravelly Clay Loam Very Gravelly Clay Loam Extremely Gravelly Sandy Clay Loam	SM GC	A-2	0	15-45	30-50	25-40	20-35	15-30	30-40	10-20
	58-62	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
	---				---	---	---	---	---	---	---	---
Welch, Occasionally	---				---	---	---	---	---	---	---	---
602: Hapgood	0-13	Very Gravelly Loam	GC-GM	A-2	0	0	40-55	35-50	30-40	25-35	20-30	NP-10
	13-41	Very Gravelly Loam Very Gravelly Fine Sandy Loam	GM GC GC-GM	A-2	0	0-10	50-60	45-55	35-50	25-35	25-30	5-10
	41-55	Very Cobbly Loam Very Gravelly Sandy Loam	GM	A-1 A-2	0	15-40	55-65	50-60	35-45	20-35	20-30	NP-5
	55-59	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---

Northwest Elko County Area, Nevada, Part Of Elko And Eureka Counties

Distribution Generation Date:

Table H. - Engineering Index Properties - Continued

Northwest Elko County Area, Nevada, Part Of Elko And Eureka Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
624: Soughe	In											
	0-13	Very Stony Loam	GC-GM	A-4	5-15	15-35	55-70	50-60	45-55	35-45	20-30	NP-10
	13-20	Very Gravelly Clay Loam Very Gravelly Sandy Clay Loam	GM GC SC	A-2	0	0-15	35-65	25-55	15-25	10-20	35-40	15-20
	20-24	Very Gravelly Loam Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Soughe	0-13	Very Stony Loam	GC-GM	A-4	5-15	15-35	55-70	50-60	45-55	35-45	20-30	NP-10
	13-20	Very Gravelly Clay Loam Very Gravelly Sandy Clay Loam	GM GC SC	A-2	0	0-15	35-65	25-55	15-25	10-20	35-40	15-20
	20-24	Very Gravelly Loam Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Rock Outcrop	---				---	---	---	---	---	---	---	---
625: Soughe	0-13	Very Cobbly Loam	GC-GM	A-4	0-1	20-40	55-70	50-60	45-55	35-45	20-30	NP-10
	13-20	Very Gravelly Loam Very Gravelly Sandy Clay Loam	GM GC SC	A-2	0	0-15	35-65	25-55	15-25	10-20	35-40	15-20
	20-24	Very Gravelly Clay Loam Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Northwest Elko County Area, Nevada, Part Of Elko And Eureka Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct					Pct	
625: Alyan	In											
	0-9	Very Gravelly Loam	GC	A-2	0	0-5	30-55	25-50	20-40	15-35	25-35	10-15
	9-16	Clay	CH	A-7	0	0-5	80-90	75-85	65-80	50-65	45-60	20-35
			CL									
	16-28	Gravelly Clay	CH	A-7	0	0-5	55-80	50-75	40-65	35-55	45-60	20-35
			CL									
			GC									
	28-32	Very Gravelly Clay	GC	A-2	0	0-5	45-55	40-50	35-45	20-40	45-60	20-35
				A-7								
	32-42	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Shalper	0-2	Very Gravelly Loam	GC	A-2	0	0-10	30-55	25-50	20-45	20-40	25-35	10-15
				A-6								
	2-11	Very Gravelly Clay Loam	GC	A-2	0	0-15	30-55	25-50	20-45	15-40	30-40	15-20
		Very Gravelly Loam		A-6								
	11-15	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
626: Soughe	0-13	Cobbly Loam	CL-ML ML SC-SM	A-4	0	25-30	80-95	70-90	55-65	45-55	20-30	NP-10
			SM									
	13-20	Very Gravelly Sandy Clay Loam	GC	A-2	0	0-15	35-65	25-55	15-25	10-20	35-40	15-20
		Very Gravelly Loam	SC									
		Very Gravelly Clay Loam										
	20-24	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Vanwyper	0-10	Cobbly Loam	CL	A-6	0	15-25	85-90	80-90	60-85	55-75	25-35	10-15
	10-25	Very Cobbly Clay Loam	CH	A-7	0-10	30-55	55-75	50-65	45-60	40-55	40-60	20-40
		Very Cobbly Clay	CL									
			GC									
	25-29	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Northwest Elko County Area, Nevada, Part Of Elko And Eureka Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
626: Soughe	In											
	0-13	Very Cobbly Loam	GC-GM	A-4	0-1	20-40	55-70	50-60	45-55	35-45	20-30	NP-10
	13-20	Very Gravelly Loam Very Gravelly Clay Loam Very Gravelly Sandy Clay Loam	GM GC SC	A-2	0	0-15	35-65	25-55	15-25	10-20	35-40	15-20
	20-24	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
690: Welch	0-10	Silt Loam	CL CL-ML	A-4	0	0	95-100	95-100	85-95	60-70	25-30	5-10
	10-60	Stratified Sandy Loam To Silty Clay Loam	CL	A-6 A-7	0	0	80-100	75-100	65-90	50-70	35-45	15-20
Welch	0-10	Silt Loam	CL CL-ML	A-4	0	0	95-100	95-100	85-95	60-70	25-30	5-10
	10-60	Stratified Sandy Loam To Silty Clay Loam	CL	A-6	0	0	80-100	75-100	65-90	50-70	30-40	10-20
Welch	---				---	---	---	---	---	---	---	---
920: Bullump	0-12	Very Gravelly Loam	GC SC	A-2	0	0-10	45-70	35-50	30-45	25-35	25-35	10-15
	12-46	Very Gravelly Clay Loam Very Gravelly Loam Very Gravelly Sandy Clay Loam	GC	A-2 A-6 A-7	0	0-15	40-65	30-50	25-45	15-40	35-45	15-20
	46-50	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Northwest Elko County Area, Nevada, Part Of Elko And Eureka Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct					Pct	
920: Gando	In											
	0-9	Very Gravelly Loam	GC-GM	A-1	0	0-5	40-60	25-50	20-35	15-30	20-30	NP-10
	9-17	Very Gravelly Loam Extremely Gravelly Sandy Loam	GM GM	A-2 A-1 A-2	0-5	0-30	30-40	20-35	15-30	10-25	20-35	NP-10
	17-21	Extremely Gravelly Loam Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Tusel	0-17	Gravelly Loam	GM	A-4	0	0-10	55-80	50-75	45-70	35-50	25-35	NP-10
	17-58	Extremely Gravelly Sandy Clay Loam	SM GC	A-2	0	15-45	30-50	25-40	20-35	15-30	30-40	10-20
		Extremely Gravelly Clay Loam										
	58-62	Very Gravelly Clay Loam Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
921: Bullump	0-12	Very Gravelly Loam	GC	A-2	0	0-10	45-70	35-50	30-45	25-35	25-35	10-15
	12-46	Very Gravelly Clay Loam Very Gravelly Loam Very Gravelly Sandy Clay Loam	SC GC	A-2 A-6 A-7	0	0-15	40-65	30-50	25-45	15-40	35-45	15-20
	46-50	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Northwest Elko County Area, Nevada, Part Of Elko And Eureka Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
921: Hackwood	In											
	0-26	Silt Loam	CL	A-4	0	0	80-100	75-100	70-90	60-80	20-35	5-15
	26-34	Gravelly Silt Loam	CL-ML	A-6								
		Gravelly Loam	CL	A-4	0	0	60-80	50-75	40-70	35-65	25-35	5-15
			CL-ML	A-6								
Cleavage	34-60	Very Gravelly Clay Loam	GC									
		Very Gravelly Silty Clay	GC-GM									
		Very Gravelly Loam	SC-SM									
	0-4	Extremely Gravelly Loam	GC	A-2	0	0-10	35-45	15-25	10-25	10-20	25-30	5-10
			GC-GM									
922: Bullump	4-18	Very Cobbly Clay Loam	GC	A-2	0-5	0-45	40-55	30-45	25-45	20-35	30-45	10-20
	18-22	Extremely Gravelly Clay Loam										
		Very Gravelly Loam										
		Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
	0-12	Very Gravelly Loam	GC	A-2	0	0-10	45-70	35-50	30-45	25-35	25-35	10-15
	12-46	Very Gravelly Loam	SC									
		Very Gravelly Sandy Clay Loam	GC	A-2	0	0-15	40-65	30-50	25-45	15-40	35-45	15-20
				A-6								
	46-50	Very Gravelly Clay Loam		A-7								
		Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Northwest Elko County Area, Nevada, Part Of Elko And Eureka Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
922: Cleavage	In											
	0-4	Extremely Gravelly Loam	GC	A-2	0	0-10	35-45	15-25	10-25	10-20	25-30	5-10
	4-18	Very Cobbly Clay Loam Extremely Gravelly Clay Loam	GC-GM GC	A-2	0-5	0-45	40-55	30-45	25-45	20-35	30-45	10-20
	18-22	Very Gravelly Loam Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Hapgood	0-13	Very Gravelly Loam	GC-GM GM	A-2	0	0	40-55	35-50	30-40	25-35	20-30	NP-10
	13-41	Very Gravelly Loam Very Gravelly Fine Sandy Loam	GC GC-GM	A-2	0	0-10	50-60	45-55	35-50	25-35	25-30	5-10
	41-55	Very Cobbly Loam Very Gravelly Sandy Loam	GM	A-1 A-2	0	15-40	55-65	50-60	35-45	20-35	20-30	NP-5
	55-59	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
1130: Clementine	0-3	Silt Loam	CL CL-ML ML	A-4	0	0	100	100	95-100	75-90	25-35	5-10
	3-44	Stratified Silt Loam To Silty Clay Loam	ML	A-6 A-7	0	0	100	100	95-100	80-95	35-45	10-15
	44-60	Stratified Loam To Silty Clay Loam	ML	A-6 A-7	0	0	100	100	95-100	70-80	35-45	10-15
1131:												

Table H. - Engineering Index Properties - Continued

Northwest Elko County Area, Nevada, Part Of Elko And Eureka Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
1131: Clementine	In											
	0-3	Silt Loam	CL CL-ML ML	A-4	0	0	100	100	95-100	75-90	25-35	5-10
	3-44	Stratified Silt Loam To Silty Clay Loam	ML	A-6 A-7	0	0	100	100	95-100	80-95	35-45	10-15
	44-60	Stratified Loam To Silty Clay Loam	ML	A-6 A-7	0	0	100	100	95-100	70-80	35-45	10-15
Clementine	0-3	Silt Loam	CL CL-ML ML	A-4	0	0	100	100	95-100	75-90	25-35	5-10
	3-44	Stratified Silt Loam To Silty Clay Loam	ML	A-6 A-7	0	0	100	100	95-100	80-95	35-45	10-15
	44-60	Stratified Loam To Silty Clay Loam	ML	A-6 A-7	0	0	100	100	95-100	70-80	35-45	10-15
Clementine	0-3	Silt Loam	CL CL-ML ML	A-4	0	0	100	100	95-100	75-90	25-35	5-10
	3-44	Stratified Silt Loam To Silty Clay Loam	ML	A-6 A-7	0	0	100	100	95-100	80-95	35-45	10-15
	44-60	Stratified Loam To Silty Clay Loam	ML	A-6 A-7	0	0	100	100	95-100	70-80	35-45	10-15
1135: Clementine	0-3	Silt Loam	CL CL-ML ML	A-4	0	0	100	100	95-100	75-90	25-35	5-10
	3-44	Stratified Silt Loam To Silty Clay Loam	ML	A-6 A-7	0	0	100	100	95-100	80-95	35-45	10-15
	44-60	Stratified Loam To Silty Clay Loam	ML	A-6 A-7	0	0	100	100	95-100	70-80	35-45	10-15

Table H. - Engineering Index Properties - Continued

Northwest Elko County Area, Nevada, Part Of Elko And Eureka Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
1135: Clurde	0-6	Very Fine Sandy Loam	CL CL-ML SC-SM	A-4	0	0	80-100	75-100	65-95	45-65	25-30	5-10
	6-29	Sandy Clay Loam Silt Loam Loam	CL SC	A-6	0	0	80-100	75-100	65-90	40-55	30-40	10-20
	29-43	Coarse Sandy Loam	SC SC-SM	A-2 A-4	0	0	80-100	75-100	50-70	30-40	20-25	5-10
	43-60	Loamy Sand Gravelly Loamy Sand	SM	A-1 A-2	0	0	70-90	60-85	40-65	15-30	---	NP
1150: Clurde	0-6	Very Fine Sandy Loam	CL CL-ML SC-SM	A-4	0	0	80-100	75-100	65-95	45-65	25-30	5-10
	6-29	Sandy Clay Loam Loam Silt Loam	CL SC	A-6	0	0	80-100	75-100	65-90	40-55	30-40	10-20
	29-43	Coarse Sandy Loam	SC SC-SM	A-2 A-4	0	0	80-100	75-100	50-70	30-40	20-25	5-10
	43-60	Loamy Sand Gravelly Loamy Sand	SM	A-1 A-2	0	0	70-90	60-85	40-65	15-30	---	NP
Wieland	0-4	Gravelly Loam	CL GC SC	A-6	0	0-5	60-85	50-75	45-70	35-60	25-35	10-15
	4-30	Gravelly Clay Clay	CH SC	A-7	0	0-5	75-95	50-90	50-80	45-75	50-60	25-35
	30-60	Loam Gravelly Loam Gravelly Sandy Loam	CL-ML SC SC-SM	A-2 A-4	0	0-5	65-95	55-90	40-85	25-70	20-30	5-10
Welch	---				---	---	---	---	---	---	---	---

Distribution Generation Date:

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Table H. - Engineering Index Properties - Continued

Northwest Elko County Area, Nevada, Part Of Elko And Eureka Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
1150:	In											
1155: Clurde	0-6	Very Fine Sandy Loam	CL CL-ML SC-SM	A-4	0	0	80-100	75-100	65-95	45-65	25-30	5-10
	6-29	Sandy Clay Loam Silt Loam Loam	CL SC	A-6	0	0	80-100	75-100	65-90	40-55	30-40	10-20
	29-43	Coarse Sandy Loam	SC SC-SM	A-2 A-4	0	0	80-100	75-100	50-70	30-40	20-25	5-10
	43-60	Loamy Sand Gravelly Loamy Sand	SM	A-1 A-2	0	0	70-90	60-85	40-65	15-30	---	NP
1156: Clurde	0-6	Very Fine Sandy Loam	CL CL-ML SC-SM	A-4	0	0	80-100	75-100	65-95	45-65	25-30	5-10
	6-29	Sandy Clay Loam Silt Loam Loam	CL SC	A-6	0	0	80-100	75-100	65-90	40-55	30-40	10-20
	29-43	Coarse Sandy Loam	SC SC-SM	A-2 A-4	0	0	80-100	75-100	50-70	30-40	20-25	5-10
	43-60	Loamy Sand Gravelly Loamy Sand	SM	A-1 A-2	0	0	70-90	60-85	40-65	15-30	---	NP

Table H. - Engineering Index Properties - Continued

Northwest Elko County Area, Nevada, Part Of Elko And Eureka Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct					Pct	
1156: Kortty	In											
	0-6	Silt Loam	CL-ML ML	A-4	0	0	80-100	75-100	70-100	65-90	20-30	NP-10
	6-12	Clay Loam	CL	A-6	0	0	80-100	75-100	65-95	50-75	30-40	10-20
	12-42	Loam	CL	A-4	0	0-10	75-100	70-90	65-85	50-70	25-35	5-15
		Gravelly Silt Loam	CL-ML	A-6								
		Gravelly Loam										
	42-55	Very Gravelly Sandy Loam	GC GC-GM	A-2	0	0-10	45-55	35-50	25-35	10-20	20-30	5-10
	55-60	Cemented	---	---	---	---	---	---	---	---	---	---
1157: Clurde	0-6	Very Fine Sandy Loam	CL CL-ML SC-SM	A-4	0	0	80-100	75-100	65-95	45-65	25-30	5-10
	6-29	Sandy Clay Loam	CL	A-6	0	0	80-100	75-100	65-90	40-55	30-40	10-20
		Silt Loam	SC									
	29-43	Coarse Sandy Loam	SC SC-SM	A-2 A-4	0	0	80-100	75-100	50-70	30-40	20-25	5-10
	43-60	Loamy Sand	SM	A-1	0	0	70-90	60-85	40-65	15-30	---	NP
		Gravelly Loamy Sand		A-2								

Table H. - Engineering Index Properties - Continued

Northwest Elko County Area, Nevada, Part Of Elko And Eureka Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
1157: Zevadez	In											
	0-10	Very Fine Sandy Loam	CL-ML ML SC-SM SM	A-4	0	0	85-100	75-100	65-95	40-65	20-30	NP-10
	10-26	Loam Clay Loam Sandy Clay Loam	CL SC	A-2 A-6	0	0	85-100	75-100	60-90	30-70	30-40	10-15
	26-60	Very Fine Sandy Loam	CL-ML ML SC-SM SM	A-4	0	0	85-100	75-100	65-95	40-65	20-30	NP-10
Chiara	0-6	Very Fine Sandy Loam	ML	A-4	0	0	95-100	90-100	85-95	70-80	25-35	NP-5
	6-17	Very Fine Sandy Loam Loam Silt Loam	ML	A-4	0	0	95-100	90-100	80-95	70-80	25-35	NP-5
	17-40	Indurated	---	---	---	---	---	---	---	---	---	---
1190: Cherry Spring	0-8	Very Fine Sandy Loam	ML	A-4	0	0	95-100	95-100	85-95	70-80	20-25	NP-5
	8-23	Loam Clay Loam Silt Loam	CL CL-ML	A-4 A-6	0	0-5	90-100	80-95	75-90	65-75	25-40	5-20
	23-45	Cemented	---	---	---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Northwest Elko County Area, Nevada, Part Of Elko And Eureka Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						Pct
1190: Enko	In											
	0-8	Very Fine Sandy Loam	CL	A-4	0	0	95-100	85-100	75-100	50-70	20-30	5-10
	8-15	Loam	CL-ML	A-4	0	0	95-100	85-100	60-90	35-70	20-30	5-10
		Sandy Loam	CL									
		Fine Sandy Loam	CL-ML									
	15-38	Sandy Loam	SC-SM	A-2	0	0	85-100	75-100	60-90	30-65	20-25	5-10
		Fine Sandy Loam	CL-ML									
		Loam	SC									
38-60	Loam	SC-SM	A-4	0	0	85-100	75-100	60-90	30-65	20-25	5-10	
	Sandy Loam	CL-ML										
	Fine Sandy Loam	SC										
1191: Cherry Spring	0-8	Gravelly Loam	CL-ML	A-4	0	0-10	65-85	55-75	45-70	35-55	20-30	NP-10
	8-23	Gravelly Loam	GC-GM	A-4	0	0-5	90-100	80-95	75-90	65-75	25-40	5-20
		Loam	GM									
		Cemented	ML									
	23-45	Gravelly Loam	SC-SM	A-6	0	0-5	90-100	80-95	75-90	65-75	25-40	5-20
		Loam	CL									
		Cemented	CL-ML									
	Wieland	0-4	Gravelly Loam	---	---	---	---	---	---	---	---	---
4-30		Gravelly Loam	CL	A-6	0	0-5	60-85	50-75	45-70	35-60	25-35	10-15
		Loam	GC									
		Cemented	SC									
30-60		Gravelly Clay	CH	A-7	0	0-5	75-95	50-90	50-80	45-75	50-60	25-35
		Clay	SC									
		Loam	CL-ML									
30-60		Gravelly Loam	A-2	0	0-5	65-95	55-90	40-85	25-70	20-30	5-10	
	Gravelly Sandy Loam	SC										
	Gravelly Sandy Loam	SC-SM										

Distribution Generation Date:

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Table H. - Engineering Index Properties - Continued

Northwest Elko County Area, Nevada, Part Of Elko And Eureka Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct					Pct	
1193: Cherry Spring	In											
	0-8	Silt Loam	ML	A-4	0	0	95-100	95-100	85-95	70-80	20-25	NP-5
	8-23	Clay Loam	CL	A-4	0	0-5	90-100	80-95	75-90	65-75	25-40	5-20
		Silt Loam	CL-ML	A-6								
		Loam										
	23-45	Cemented	---	---	---	---	---	---	---	---	---	---
Hunnton	0-3	Silt Loam	ML	A-4	0	0	95-100	85-100	75-100	60-75	20-35	NP-10
	3-6	Loam	CL	A-6	0	0	95-100	90-100	75-95	60-90	30-35	10-15
		Clay Loam										
		Silty Clay Loam										
	6-36	Clay	CH	A-7	0	0-5	75-100	60-95	60-95	55-85	50-60	25-35
		Gravelly Clay										
	36-40	Indurated	---	---	---	---	---	---	---	---	---	---
Chiara	0-6	Silt Loam	ML	A-4	0	0	95-100	90-100	85-95	70-80	25-35	NP-5
	6-17	Very Fine Sandy Loam	ML	A-4	0	0	95-100	90-100	80-95	70-80	25-35	NP-5
		Loam										
		Silt Loam										
	17-40	Indurated	---	---	---	---	---	---	---	---	---	---
1210: Skull Creek	0-6	Very Fine Sandy Loam	ML	A-4	0	0-10	95-100	85-100	80-95	50-65	15-25	NP-5
	6-34	Gravelly Loam	ML	A-1	0	0-10	65-100	55-100	35-95	20-75	15-25	NP-5
		Gravelly Sandy Loam	SM	A-2								
		Loam		A-4								
	34-38	Indurated	---	---	---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Northwest Elko County Area, Nevada, Part Of Elko And Eureka Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct					Pct	
1210: Shabliss	In											
	0-10	Very Fine Sandy Loam	ML	A-4	0	0	90-100	75-100	65-90	55-65	20-25	NP-5
	10-16	Cemented	---	---	---	---	---	---	---	---	---	---
	16-35	Loam	ML	A-4	0	0	90-100	75-100	65-90	50-60	15-25	NP-5
	35-60	Fine Sandy Loam Very Gravelly Fine Sandy Loam Very Gravelly Loamy Sand	GM GP-GM SM SP-SM	A-1	0	0	50-75	25-50	15-40	5-25	15-25	NP-5
Puett	0-3	Sandy Loam	SM	A-4	0	0	90-100	85-95	60-80	35-50	---	NP
	3-10	Coarse Sandy Loam Fine Sandy Loam Sandy Loam	ML SM	A-1 A-2 A-4	0	0	80-100	75-95	40-80	15-55	---	NP
	10-14	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
1220: Hunnton	0-3	Loam	ML	A-4	0	0	95-100	85-100	75-100	60-75	20-35	NP-10
	3-6	Loam Clay Loam Silty Clay Loam	CL	A-6	0	0	95-100	90-100	75-95	60-90	30-35	10-15
	6-36	Clay Gravelly Clay	CH	A-7	0	0-5	75-100	60-95	60-95	55-85	50-60	25-35
	36-40	Indurated	---	---	---	---	---	---	---	---	---	---
Hunnton	0-3	Loam	ML	A-4	0	0	95-100	85-100	75-100	60-75	20-35	NP-10
	3-6	Loam Clay Loam Silty Clay Loam	CL	A-6	0	0	95-100	90-100	75-95	60-90	30-35	10-15
	6-36	Clay Gravelly Clay	CH	A-7	0	0-5	75-100	60-95	60-95	55-85	50-60	25-35
	36-40	Indurated	---	---	---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Northwest Elko County Area, Nevada, Part Of Elko And Eureka Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct					Pct	
1220: Fulstone	In											
	0-5	Cobbly Loam	GC-GM SC	A-4	0	15-30	65-80	65-75	50-60	35-50	20-30	5-10
	5-17	Clay Gravelly Clay	SC-SM CH	A-7	0	0-5	70-100	65-100	60-100	50-85	50-65	20-35
	17-40	Indurated	---	---	---	---	---	---	---	---	---	---
1221: Hunnton	0-3	Gravelly Loam	CL GC	A-6	0	0-5	60-75	55-70	50-65	45-55	25-35	10-15
	3-6	Silty Clay Loam Loam	CL	A-6	0	0	95-100	90-100	75-95	60-90	30-35	10-15
	6-36	Clay Loam Clay	CH	A-7	0	0-5	75-100	60-95	60-95	55-85	50-60	25-35
	36-40	Gravelly Clay Indurated	---	---	---	---	---	---	---	---	---	---
Hunnton	0-3	Loam	ML	A-4	0	0	95-100	85-100	75-100	60-75	20-35	NP-10
	3-6	Loam Clay Loam	CL	A-6	0	0	95-100	90-100	75-95	60-90	30-35	10-15
	6-36	Silty Clay Loam Clay	CH	A-7	0	0-5	75-100	60-95	60-95	55-85	50-60	25-35
	36-40	Gravelly Clay Indurated	---	---	---	---	---	---	---	---	---	---
Fulstone	0-5	Gravelly Loam	CL CL-ML SC	A-4 A-6	0	0	75-95	65-75	45-60	40-55	25-35	5-15
	5-17	Clay Gravelly Clay	SC-SM CH	A-7	0	0-5	70-100	65-100	60-100	50-85	50-65	20-35
	17-40	Indurated	---	---	---	---	---	---	---	---	---	---

Distribution Generation Date:

Table H. - Engineering Index Properties - Continued

Northwest Elko County Area, Nevada, Part Of Elko And Eureka Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
1223: Hunnton	In											
	0-3	Gravelly Loam	CL GC	A-6	0	0-5	60-75	55-70	50-65	45-55	25-35	10-15
	3-6	Loam Clay Loam Silty Clay Loam	CL	A-6	0	0	95-100	90-100	75-95	60-90	30-35	10-15
	6-36	Clay Gravelly Clay	CH	A-7	0	0-5	75-100	60-95	60-95	55-85	50-60	25-35
	36-40	Indurated	---	---	---	---	---	---	---	---	---	---
Shabliss	0-10	Very Fine Sandy Loam	ML	A-4	0	0	90-100	75-100	65-90	55-65	20-25	NP-5
	10-16	Cemented	---	---	---	---	---	---	---	---	---	---
	16-35	Loam Fine Sandy Loam	ML	A-4	0	0	90-100	75-100	65-90	50-60	15-25	NP-5
	35-60	Very Gravelly Fine Sandy Loam Very Gravelly Loamy Sand	GM GP-GM SM SP-SM	A-1	0	0	50-75	25-50	15-40	5-25	15-25	NP-5
Puett	0-3	Very Cobbly Loamy Sand	SM	A-1	0	30-45	65-80	55-70	30-50	10-20	---	NP
	3-10	Sandy Loam	SM	A-2 A-4	0	0	85-100	75-100	45-70	25-40	15-25	NP-5
	10-20	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
Welch	---				---	---	---	---	---	---	---	---
1224:												

Table H. - Engineering Index Properties - Continued

Northwest Elko County Area, Nevada, Part Of Elko And Eureka Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct					Pct	
1224: Hunnton	In											
	0-3	Loam	ML	A-4	0	0	95-100	85-100	75-100	60-75	20-35	NP-10
	3-6	Loam Clay Loam Silty Clay Loam	CL	A-6	0	0	95-100	90-100	75-95	60-90	30-35	10-15
	6-36	Gravelly Clay Clay	CH	A-7	0	0-5	75-100	60-95	60-95	55-85	50-60	25-35
Shabliss	36-40	Indurated	---	---	---	---	---	---	---	---	---	---
	0-10	Gravelly Loam	CL-ML GC GC-GM SC-SM	A-2 A-4	0	0	55-80	50-75	40-60	30-55	20-30	5-10
	10-16	Cemented	---	---	---	---	---	---	---	---	---	---
	16-35	Loam Fine Sandy Loam	ML	A-4	0	0	90-100	75-100	65-90	50-60	15-25	NP-5
	35-60	Very Gravelly Fine Sandy Loam Very Gravelly Loamy Sand	GM GP-GM SM SP-SM	A-1	0	0	50-75	25-50	15-40	5-25	15-25	NP-5
Trunk	0-5	Very Cobbly Loam	GC GC-GM SC SC-SM	A-4 A-6	0-5	30-45	55-80	50-75	45-70	35-50	25-35	5-15
	5-23	Gravelly Clay Gravelly Clay Loam	CH CL GC	A-7	0	0-10	55-85	50-80	45-75	40-65	40-55	20-30
	23-27	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
1226:												

Table H. - Engineering Index Properties - Continued

Northwest Elko County Area, Nevada, Part Of Elko And Eureka Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
1226: Hunnton	In											
	0-3	Gravelly Loam	CL GC	A-6	0	0-5	60-75	55-70	50-65	45-55	25-35	10-15
	3-6	Silty Clay Loam	CL	A-6	0	0	95-100	90-100	75-95	60-90	30-35	10-15
	6-36	Clay	CH	A-7	0	0-5	75-100	60-95	60-95	55-85	50-60	25-35
	36-40	Gravelly Clay Indurated	---	---	---	---	---	---	---	---	---	---
Wieland	0-4	Gravelly Loam	CL GC SC	A-6	0	0-5	60-85	50-75	45-70	35-60	25-35	10-15
	4-30	Gravelly Clay	CH SC	A-7	0	0-5	75-95	50-90	50-80	45-75	50-60	25-35
	30-60	Loam	CL-ML	A-2	0	0-5	65-95	55-90	40-85	25-70	20-30	5-10
		Gravelly Loam Gravelly Sandy Loam	SC SC-SM	A-4								
Clementine	0-3	Silt Loam	CL CL-ML ML	A-4	0	0	100	100	95-100	75-90	25-35	5-10
	3-44	Stratified Silt Loam To Silty Clay Loam	ML	A-6 A-7	0	0	100	100	95-100	80-95	35-45	10-15
	44-60	Stratified Loam To Silty Clay Loam	ML	A-6 A-7	0	0	100	100	95-100	70-80	35-45	10-15

1227:

Table H. - Engineering Index Properties - Continued

Northwest Elko County Area, Nevada, Part Of Elko And Eureka Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct					Pct	
1227: Hunnton	In											
	0-3	Silt Loam	ML	A-4	0	0	95-100	85-100	75-100	60-75	20-35	NP-10
	3-6	Loam	CL	A-6	0	0	95-100	90-100	75-95	60-90	30-35	10-15
		Clay Loam										
	6-36	Silty Clay Loam	CH	A-7	0	0-5	75-100	60-95	60-95	55-85	50-60	25-35
		Clay										
	36-40	Gravelly Clay										
		Indurated	---	---	---	---	---	---	---	---	---	---
Chiara	0-6	Silt Loam	ML	A-4	0	0	95-100	90-100	85-95	70-80	25-35	NP-5
	6-17	Silt Loam	ML	A-4	0	0	95-100	90-100	80-95	70-80	25-35	NP-5
		Very Fine Sandy Loam										
		Loam										
	17-40	Indurated	---	---	---	---	---	---	---	---	---	---
Bilbo	0-5	Cobbly Loam	CL	A-4	0	15-25	70-95	70-90	60-75	45-65	25-35	5-15
			CL-ML	A-6								
			GC									
			GC-GM									
	5-40	Very Gravelly Sandy Clay	GC	A-2	0-5	0-25	45-65	35-50	30-45	20-40	40-55	20-35
		Very Gravelly Clay Loam		A-7								
		Very Gravelly Clay										
	40-60	Extremely Gravelly Loamy Sand	GM	A-1	0	0-10	30-60	15-50	10-40	5-20	15-25	NP-5
		Very Gravelly Sandy Loam	GP-GM									
1228: Hunnton	0-3	Silt Loam	ML	A-4	0	0	95-100	85-100	75-100	60-75	20-35	NP-10
	3-6	Loam	CL	A-6	0	0	95-100	90-100	75-95	60-90	30-35	10-15
		Clay Loam										
		Silty Clay Loam										
	6-36	Gravelly Clay	CH	A-7	0	0-5	75-100	60-95	60-95	55-85	50-60	25-35
		Clay										
	36-40	Indurated	---	---	---	---	---	---	---	---	---	---

Distribution Generation Date:

Table H. - Engineering Index Properties - Continued

Northwest Elko County Area, Nevada, Part Of Elko And Eureka Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
1228:	In											
Hunnton	0-3	Silt Loam	ML	A-4	0	0	95-100	85-100	75-100	60-75	20-35	NP-10
	3-6	Loam	CL	A-6	0	0	95-100	90-100	75-95	60-90	30-35	10-15
		Clay Loam										
	6-36	Silty Clay Loam	CH	A-7	0	0-5	75-100	60-95	60-95	55-85	50-60	25-35
		Clay										
		Gravelly Clay										
	36-40	Indurated	---	---	---	---	---	---	---	---	---	---
1229:												
Hunnton	0-3	Silt Loam	ML	A-4	0	0	95-100	85-100	75-100	60-75	20-35	NP-10
	3-6	Loam	CL	A-6	0	0	95-100	90-100	75-95	60-90	30-35	10-15
		Clay Loam										
	6-36	Silty Clay Loam	CH	A-7	0	0-5	75-100	60-95	60-95	55-85	50-60	25-35
		Clay										
		Gravelly Clay										
	36-44	Indurated	---	---	---	---	---	---	---	---	---	---
Chiara	0-6	Silt Loam	ML	A-4	0	0	95-100	90-100	85-95	70-80	25-35	NP-5
	6-17	Very Fine Sandy Loam	ML	A-4	0	0	95-100	90-100	80-95	70-80	25-35	NP-5
		Loam										
	17-40	Silt Loam	---	---	---	---	---	---	---	---	---	---
		Indurated										
Wieland	0-4	Silt Loam	CL	A-4	0	0	95-100	90-100	85-95	75-85	20-30	5-10
			CL-ML									
	4-30	Gravelly Clay	CH	A-7	0	0-5	75-95	55-90	50-80	45-75	50-60	25-35
		Clay	SC									
	30-60	Gravelly Sandy Loam	CL-ML	A-2	0	0-5	65-95	55-90	40-85	25-70	20-30	5-10
		Loam	SC	A-4								
		Gravelly Loam	SC-SM									

Table H. - Engineering Index Properties - Continued

Northwest Elko County Area, Nevada, Part Of Elko And Eureka Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
1230: Fulstone	In											
	0-5	Gravelly Loam	CL CL-ML SC SC-SM	A-4 A-6	0	0	75-95	65-75	45-60	40-55	25-35	5-15
	5-17	Clay Gravelly Clay	CH MH	A-7	0	0-5	70-100	65-100	60-100	50-85	50-65	20-35
	17-40	Indurated	---	---	---	---	---	---	---	---	---	---
Hunnton	0-3	Loam	ML	A-4	0	0	95-100	85-100	75-100	60-75	20-35	NP-10
	3-6	Loam Clay Loam Silty Clay Loam	CL	A-6	0	0	95-100	90-100	75-95	60-90	30-35	10-15
	6-36	Clay Gravelly Clay	CH	A-7	0	0-5	75-100	60-95	60-95	55-85	50-60	25-35
	36-40	Indurated	---	---	---	---	---	---	---	---	---	---
1231: Fulstone	0-5	Very Cobbly Silt Loam	GC GC-GM SC SC-SM	A-4 A-6	0	30-45	55-75	45-60	40-55	35-50	25-35	5-15
	5-17	Clay Gravelly Clay	CH MH	A-7	0	0-5	70-100	65-100	60-100	50-85	50-65	20-35
	17-40	Indurated	---	---	---	---	---	---	---	---	---	---
Fulstone	0-5	Very Cobbly Silt Loam	GC GC-GM SC SC-SM	A-4 A-6	0	30-45	55-75	45-60	40-55	35-50	25-35	5-15
	5-17	Clay Gravelly Clay	CH MH	A-7	0	0-5	70-100	65-100	60-100	50-85	50-65	20-35
	17-40	Indurated	---	---	---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Northwest Elko County Area, Nevada, Part Of Elko And Eureka Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct					Pct	
1231: Hunnton	In											
	0-3	Loam	ML	A-4	0	0	95-100	85-100	75-100	60-75	20-35	NP-10
	3-6	Loam Clay Loam Silty Clay Loam	CL	A-6	0	0	95-100	90-100	75-95	60-90	30-35	10-15
	6-36	Clay Gravelly Clay Indurated	CH	A-7	0	0-5	75-100	60-95	60-95	55-85	50-60	25-35
	36-40		---	---	---	---	---	---	---	---	---	---
Welch	---				---	---	---	---	---	---	---	---
1232: Fulstone	0-5	Gravelly Loam	CL CL-ML SC SC-SM	A-4 A-6	0	0	75-95	65-75	45-60	40-55	25-35	5-15
	5-17	Gravelly Clay Clay	CH MH	A-7	0	0-5	70-100	65-100	60-100	50-85	50-65	20-35
	17-40	Indurated	---	---	---	---	---	---	---	---	---	---
Fulstone	0-5	Cobbly Loam	GC-GM SC SC-SM	A-4	0	15-30	65-80	65-75	50-60	35-50	20-30	5-10
	5-17	Clay Gravelly Clay	CH MH	A-7	0	0-5	70-100	65-100	60-100	50-85	50-65	20-35
	17-40	Indurated	---	---	---	---	---	---	---	---	---	---
Wieland	0-4	Loam	CL-ML ML	A-4	0	0	90-100	75-100	70-90	50-75	20-30	NP-10
	4-30	Gravelly Clay Clay	CH SC	A-7	0	0-5	75-95	55-90	50-80	45-75	50-60	25-35
	30-60	Gravelly Loam Gravelly Sandy Loam Loam	CL-ML SC SC-SM	A-2 A-4	0	0-5	65-95	55-90	40-85	25-70	20-30	5-10

Distribution Generation Date:

Table H. - Engineering Index Properties - Continued

Northwest Elko County Area, Nevada, Part Of Elko And Eureka Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
1232:												
Crooked Creek	---				---	---	---	---	---	---	---	---
1241: Enko	0-8	Fine Sandy Loam	SC	A-4	0	0	95-100	85-100	60-75	35-50	20-30	5-10
	8-15	Loam	SC-SM	A-4	0	0	95-100	85-100	60-90	35-70	20-30	5-10
		Sandy Loam	CL									
		Fine Sandy Loam	CL-ML									
	15-38	Sandy Loam	SC-SM									
		Fine Sandy Loam	CL-ML	A-2	0	0	85-100	75-100	60-90	30-65	20-25	5-10
		Loam	SC	A-4								
	38-60	Sandy Loam	SC-SM									
		Fine Sandy Loam	CL-ML	A-2	0	0	85-100	75-100	60-90	30-65	20-25	5-10
		Loam	SC	A-4								
			SC-SM									
Orovada	0-5	Very Fine Sandy Loam	ML	A-4	0	0	95-100	90-100	80-95	60-75	20-30	NP-5
	5-29	Fine Sandy Loam	ML	A-4	0	0	75-100	75-100	60-80	40-60	20-30	NP-5
		Loam	SM									
	29-60	Stratified Fine Sandy Loam To Silt Loam	ML	A-4	0	0	75-100	75-100	60-85	35-55	20-30	NP-5
			SM									
Shabliss	0-10	Very Fine Sandy Loam	ML	A-4	0	0	90-100	75-100	65-90	55-65	20-25	NP-5
	10-16	Cemented	---	---	---	---	---	---	---	---	---	---
	16-35	Fine Sandy Loam	ML	A-4	0	0	90-100	75-100	65-90	50-60	15-25	NP-5
		Loam										
	35-60	Very Gravelly Fine Sandy Loam	GM	A-1	0	0	50-75	25-50	15-40	5-25	15-25	NP-5
		Very Gravelly Loamy Sand	GP-GM									
			SM									
			SP-SM									
1242:												

Table H. - Engineering Index Properties - Continued

Northwest Elko County Area, Nevada, Part Of Elko And Eureka Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
1242: Enko	In											
	0-8	Fine Sandy Loam	SC	A-4	0	0	95-100	85-100	60-75	35-50	20-30	5-10
	8-15	Loam	SC-SM	A-4	0	0	95-100	85-100	60-90	35-70	20-30	5-10
		Sandy Loam	CL									
		Fine Sandy Loam	CL-ML									
	15-38	Sandy Loam	SC-SM	A-2	0	0	85-100	75-100	60-90	30-65	20-25	5-10
		Fine Sandy Loam	CL-ML									
		Loam	SC									
	38-60	Sandy Loam	SC-SM	A-4	0	0	85-100	75-100	60-90	30-65	20-25	5-10
		Fine Sandy Loam	CL-ML									
		Loam	SC									
Enko	0-8	Fine Sandy Loam	SC	A-4	0	0	95-100	85-100	60-75	35-50	20-30	5-10
	8-15	Loam	SC-SM	A-4	0	0	95-100	85-100	60-90	35-70	20-30	5-10
		Sandy Loam	CL									
		Fine Sandy Loam	CL-ML									
	15-38	Loam	SC-SM	A-2	0	0	85-100	75-100	60-90	30-65	20-25	5-10
		Sandy Loam	CL-ML									
		Fine Sandy Loam	SC									
	38-60	Sandy Loam	SC-SM	A-4	0	0	85-100	75-100	60-90	30-65	20-25	5-10
		Fine Sandy Loam	CL-ML									
		Sandy Loam	SC									
			SC-SM									

Table H. - Engineering Index Properties - Continued

Northwest Elko County Area, Nevada, Part Of Elko And Eureka Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches Pct	3-10 Inches Pct	4	10	40	200		
1260: Kleckner	0-8	Gravelly Loam	CL CL-ML ML	A-4	0	0-25	65-90	60-85	55-80	50-75	25-35	5-10
	8-20	Very Gravelly Clay Loam Very Cobbly Clay Loam Very Cobbly Clay	GC SC	A-2 A-7	0	10-45	45-70	30-60	30-55	25-45	40-55	25-35
	20-42	Very Gravelly Clay Loam Very Gravelly Clay Very Cobbly Clay	GC SC	A-2 A-7	0	0-45	45-90	25-50	25-45	20-40	40-55	25-35
	42-60	Extremely Gravelly Sandy Loam	GC-GM GP-GC	A-1 A-2	0	0-10	20-30	15-25	10-20	5-15	25-30	5-10
Uprville	0-10	Gravelly Loam	CL CL-ML SC-SM	A-4	0	0-10	70-90	60-85	55-80	40-65	25-30	5-10
	10-19	Very Gravelly Loam Gravelly Coarse Sandy Very Gravelly Sandy Loam	GC GC-GM SC	A-2 A-4 A-6	0	0-20	45-80	40-75	35-65	30-50	25-35	5-15
	19-61	Extremely Gravelly Coarse Sand Extremely Cobbly Sand Extremely Cobbly Loamy Sand	SC-SM GP GP-GM GW-GM	A-1	0	25-50	15-40	10-35	10-25	0-10	---	NP
Fulstone	0-5	Very Cobbly Loam	GC GC-GM SC	A-4 A-6	0	30-45	55-75	45-60	40-55	35-50	25-35	5-15
	5-17	Clay Gravelly Clay	SC-SM CH MH	A-7	0	0-5	70-100	65-100	60-100	50-85	50-65	20-35
	17-40	Indurated	---	---	---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Northwest Elko County Area, Nevada, Part Of Elko And Eureka Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
1260: Crooked Creek	---				---	---	---	---	---	---	---	---
1261: Kleckner	0-8	Gravelly Loam	CL CL-ML ML	A-4	0	0-25	65-90	60-85	55-80	50-75	25-35	5-10
	8-20	Very Cobbly Clay Very Gravelly Clay Loam Very Cobbly Clay Loam	GC SC	A-2 A-7	0	10-45	45-70	30-60	30-55	25-45	40-55	25-35
	20-42	Very Cobbly Clay Very Gravelly Clay Loam Very Gravelly Clay	GC SC	A-2 A-7	0	0-45	45-90	25-50	25-45	20-40	40-55	25-35
	42-60	Extremely Gravelly Sandy Loam	GC-GM GP-GC	A-1 A-2	0	0-10	20-30	15-25	10-20	5-15	25-30	5-10
Heechee	0-7	Cobbly Loam	CL CL-ML SC SC-SM	A-4 A-6	0-10	15-25	80-95	70-80	60-75	45-60	25-35	5-15
	7-27	Very Cobbly Clay Loam Very Gravelly Sandy Clay Loam Very Cobbly Loam	GC	A-2 A-6	0-15	25-50	45-75	35-65	30-60	25-50	30-40	10-20
	27-61	Extremely Cobbly Sandy Loam Extremely Cobbly Coarse Sandy Loam Extremely Cobbly Loam	GC-GM GM GP-GC GP-GM	A-1 A-2	0-10	45-55	30-60	20-50	10-35	5-20	20-30	NP-10
1290:												

Table H. - Engineering Index Properties - Continued

Northwest Elko County Area, Nevada, Part Of Elko And Eureka Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct					Pct	
1290: Tweba	In											
	0-15	Very Fine Sandy Loam	CL-ML ML	A-4	0	0	100	100	85-95	50-65	20-30	NP-10
	15-27	Fine Sandy Loam Very Fine Sandy Loam Loam	ML	A-4	0	0	100	100	80-95	50-65	20-25	NP-5
	27-60	Stratified Very Fine Sandy Loam To Loamy Sand	SM	A-2 A-4	0	0	90-100	90-100	55-75	25-45	---	NP
1350: Shabliss	0-10	Gravelly Loam	CL-ML GC GC-GM SC-SM	A-2 A-4	0	0	55-80	50-75	40-60	30-55	20-30	5-10
	10-16	Cemented	---	---	---	---	---	---	---	---	---	---
	16-35	Loam Fine Sandy Loam	ML	A-4	0	0	90-100	75-100	65-90	50-60	15-25	NP-5
	35-60	Very Gravelly Fine Sandy Loam Very Gravelly Loamy Sand	GM GP-GM SM SP-SM	A-1	0	0	50-75	25-50	15-40	5-25	15-25	NP-5
Hunnton	0-3	Gravelly Loam	CL GC	A-6	0	0-5	60-75	55-70	50-65	45-55	25-35	10-15
	3-6	Loam Clay Loam Silty Clay Loam	CL	A-6	0	0	95-100	90-100	75-95	60-90	30-35	10-15
	6-36	Clay Gravelly Clay	CH	A-7	0	0-5	75-100	60-95	60-95	55-85	50-60	25-35
	36-40	Indurated	---	---	---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Northwest Elko County Area, Nevada, Part Of Elko And Eureka Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct					Pct	
1350: Bioya	In											
	0-10	Loam	CL-ML ML	A-4	0	0	100	95-100	80-100	50-80	20-30	NP-10
	10-36	Silt Loam Loam	CL CL-ML	A-4 A-6	0	0	100	95-100	85-100	50-80	25-35	5-15
	36-60	Indurated	---	---	---	---	---	---	---	---	---	---
1351: Shabliss	0-10	Very Fine Sandy Loam	ML	A-4	0	0	90-100	75-100	65-90	55-65	20-25	NP-5
	10-16	Cemented	---	---	---	---	---	---	---	---	---	---
	16-35	Loam	ML	A-4	0	0	90-100	75-100	65-90	50-60	15-25	NP-5
	35-60	Fine Sandy Loam										
		Very Gravelly Fine Sandy Loam	GM GP-GM SM SP-SM	A-1	0	0	50-75	25-50	15-40	5-25	15-25	NP-5
Bartome	0-7	Very Fine Sandy Loam	CL-ML ML SC-SM SM	A-4	0	0	80-100	75-100	65-95	45-65	20-30	NP-10
	7-14	Silty Clay Loam	CL	A-6	0	0	80-100	75-100	70-90	65-85	35-40	15-20
	14-28	Indurated	---	---	---	---	---	---	---	---	---	---
	28-42	Cemented	---	---	---	---	---	---	---	---	---	---
1352: Shabliss	0-10	Very Fine Sandy Loam	ML	A-4	0	0	90-100	75-100	65-90	55-65	20-25	NP-5
	10-16	Cemented	---	---	---	---	---	---	---	---	---	---
	16-35	Loam	ML	A-4	0	0	90-100	75-100	65-90	50-60	15-25	NP-5
	35-60	Fine Sandy Loam										
		Very Gravelly Fine Sandy Loam	GM GP-GM SM SP-SM	A-1	0	0	50-75	25-50	15-40	5-25	15-25	NP-5
		Very Gravelly Loamy Sand										

Distribution Generation Date:

Table H. - Engineering Index Properties - Continued

Northwest Elko County Area, Nevada, Part Of Elko And Eureka Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
1352:	In											
Skull Creek	0-6	Very Fine Sandy Loam	ML	A-4	0	0-10	95-100	85-100	80-95	50-65	15-25	NP-5
	6-34	Gravelly Loam	ML	A-1	0	0-10	65-100	55-100	35-95	20-75	15-25	NP-5
		Gravelly Sandy Loam	SM	A-2								
		Loam		A-4								
	34-38	Indurated	---	---	---	---	---	---	---	---	---	---
Puett	0-3	Very Cobbly Sandy Loam	GM	A-1	0	30-45	50-75	45-70	30-55	15-35	15-25	NP-5
			SM	A-2								
	3-10	Sandy Loam	SM	A-2	0	0	85-100	75-100	45-70	25-40	15-25	NP-5
				A-4								
	10-20	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
1360:												
Orovada	0-5	Very Fine Sandy Loam	ML	A-4	0	0	95-100	90-100	80-95	60-75	20-30	NP-5
	5-29	Loam	ML	A-4	0	0	75-100	75-95	60-80	40-60	20-30	NP-5
		Fine Sandy Loam	SM									
	29-60	Stratified Fine Sandy Loam To Silt Loam	ML SM	A-4	0	0	75-100	75-95	60-85	35-55	20-30	NP-5
1362:												
Orovada	0-5	Very Fine Sandy Loam	ML	A-4	0	0	95-100	90-100	80-95	60-75	20-30	NP-5
	5-29	Fine Sandy Loam	ML	A-4	0	0	75-100	75-100	60-80	40-60	20-30	NP-5
		Loam	SM									
	29-60	Stratified Fine Sandy Loam To Silt Loam	ML SM	A-4	0	0	75-100	75-100	60-85	35-55	20-30	NP-5

Table H. - Engineering Index Properties - Continued

Northwest Elko County Area, Nevada, Part Of Elko And Eureka Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
1362: Clurde	0-6	Very Fine Sandy Loam	CL CL-ML SC-SM	A-4	0	0	80-100	75-100	65-95	45-65	25-30	5-10
	6-29	Sandy Clay Loam Silt Loam Loam	CL SC	A-6	0	0	80-100	75-100	65-90	40-55	30-40	10-20
	29-43	Coarse Sandy Loam	SC SC-SM	A-2 A-4	0	0	80-100	75-100	50-70	30-40	20-25	5-10
	43-60	Gravelly Loamy Sand Loamy Sand	SM	A-1 A-2	0	0	70-90	60-85	40-65	15-30	---	NP
Wieland	0-4	Loam	CL-ML ML	A-4	0	0	90-100	75-100	70-90	50-75	20-30	NP-10
	4-30	Gravelly Clay Clay	CH SC	A-7	0	0-5	75-95	55-90	50-80	45-75	50-60	25-35
	30-60	Loam Gravelly Loam Gravelly Sandy Loam	CL-ML SC SC-SM	A-2 A-4	0	0-5	65-95	55-90	40-85	25-70	20-30	5-10
1363: Orovada	0-5	Very Fine Sandy Loam	ML	A-4	0	0	95-100	90-100	80-95	60-75	20-30	NP-5
	5-29	Fine Sandy Loam Loam	ML SM	A-4	0	0	75-100	75-95	60-80	40-60	20-30	NP-5
	29-60	Stratified Fine Sandy Loam To Silt Loam	ML SM	A-4	0	0	75-100	75-95	60-85	35-55	20-30	NP-5

Table H. - Engineering Index Properties - Continued

Northwest Elko County Area, Nevada, Part Of Elko And Eureka Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
1363: Tweba	0-5	Sandy Loam	CL-ML ML SC-SM SM	A-2 A-4	0	0	100	100	60-80	30-55	20-30	NP-10
	5-35	Loam Fine Sandy Loam Very Fine Sandy Loam	ML	A-4	0	0	100	100	80-95	50-65	20-25	NP-5
	35-60	Stratified Very Fine Sandy Loam To Loamy Sand	SM	A-2 A-4	0	0	90-100	90-100	55-75	25-45	15-20	NP-5
Weso	0-6	Very Fine Sandy Loam	ML SM	A-4	0	0	95-100	90-100	80-90	40-55	15-25	NP-5
	6-12	Fine Sandy Loam Very Fine Sandy Loam Loam	CL-ML ML SC-SM SM	A-4	0	0	95-100	85-100	70-85	45-60	15-30	NP-10
	12-25	Fine Sandy Loam Very Fine Sandy Loam	ML SM	A-4	0	0	95-100	85-100	70-85	45-60	15-25	NP-5
	25-60	Stratified Very Gravelly Loamy Sand To Fine Sandy Loam	SM	A-1 A-2	0	0	80-90	70-80	45-55	20-30	---	NP
1530: Creemon	0-8	Silt Loam	ML	A-4	0	0	100	100	95-100	85-90	---	NP
	8-14	Silt Loam Very Fine Sandy Loam	ML	A-4	0	0	100	100	95-100	85-90	25-30	NP-5
	14-47	Stratified Very Fine Sandy Loam To Silt Loam	ML	A-4	0	0	100	100	95-100	85-90	25-30	NP-5
	47-60	Stratified Gravelly Very Fine Sandy Loam To Fine Sandy Loam	SM	A-4	0	0	80-90	70-85	60-70	35-50	---	NP

Table H. - Engineering Index Properties - Continued

Northwest Elko County Area, Nevada, Part Of Elko And Eureka Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct					Pct	
1530: Placeritos	0-13	Silt Loam	ML	A-4	0	0	100	100	95-100	75-95	30-40	5-15
	13-60	Stratified Very Fine Sandy Loam To Silty Clay Loam	ML	A-6 A-4 A-6	0	0	100	100	95-100	85-100	30-40	5-15
1572: Weso	0-6	Very Fine Sandy Loam	ML SM	A-4	0	0	95-100	90-100	80-90	40-55	15-25	NP-5
	6-12	Fine Sandy Loam Very Fine Sandy Loam Loam	CL-ML ML SC-SM	A-4	0	0	95-100	85-100	70-85	45-60	15-30	NP-10
	12-25	Fine Sandy Loam Very Fine Sandy Loam	ML SM	A-4	0	0	95-100	85-100	70-85	45-60	15-25	NP-5
	25-60	Stratified Very Gravelly Loamy Sand To Fine Sandy Loam	SM	A-1 A-2	0	0	80-90	70-80	45-55	20-30	---	NP
Orovada	0-5	Very Fine Sandy Loam	ML	A-4	0	0	95-100	90-100	80-95	60-75	20-30	NP-5
	5-29	Fine Sandy Loam Loam	ML SM	A-4	0	0	75-100	75-100	60-80	40-60	20-30	NP-5
	29-60	Stratified Fine Sandy Loam To Silt Loam	ML SM	A-4	0	0	75-100	75-100	60-85	35-55	20-30	NP-5
Shabliss	0-10	Very Fine Sandy Loam	ML	A-4	0	0	90-100	75-100	65-90	55-65	20-25	NP-5
	10-16	Cemented	---	---	---	---	---	---	---	---	---	---
	16-35	Loam Fine Sandy Loam	ML	A-4	0	0	90-100	75-100	65-90	50-60	15-25	NP-5
	35-60	Very Gravelly Fine Sandy Loam Very Gravelly Loamy Sand	GM GP-GM SM SP-SM	A-1	0	0	50-75	25-50	15-40	5-25	15-25	NP-5

Distribution Generation Date:

Table H. - Engineering Index Properties - Continued

Northwest Elko County Area, Nevada, Part Of Elko And Eureka Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct					Pct	
1573: Orovada	In											
	0-5	Loam	ML	A-4	0	0	95-100	90-100	80-95	60-75	25-35	NP-5
	5-29	Fine Sandy Loam	ML	A-4	0	0	75-100	75-100	60-80	40-60	20-30	NP-5
		Loam	SM									
	29-60	Stratified Fine Sandy Loam To Silt Loam	ML	A-4	0	0	75-100	75-100	60-85	35-55	20-30	NP-5
			SM									
Weso	0-6	Very Fine Sandy Loam	ML	A-4	0	0	95-100	90-100	80-90	40-55	15-25	NP-5
			SM									
	6-12	Fine Sandy Loam	CL-ML	A-4	0	0	95-100	85-100	70-85	45-60	15-30	NP-10
		Very Fine Sandy Loam	ML									
		Loam	SC-SM									
			SM									
	12-25	Fine Sandy Loam	ML	A-4	0	0	95-100	85-100	70-85	45-60	15-25	NP-5
		Very Fine Sandy Loam	SM									
	25-60	Stratified Very Gravelly Loamy Sand To Fine Sandy Loam	SM	A-1 A-2	0	0	80-90	70-80	45-55	20-30	---	NP
Tweba	0-5	Sandy Loam	CL-ML	A-2	0	0	100	100	60-80	30-55	20-30	NP-10
			ML	A-4								
			SC-SM									
			SM									
	5-35	Fine Sandy Loam	ML	A-4	0	0	100	100	80-95	50-65	20-25	NP-5
		Very Fine Sandy Loam										
	35-60	Stratified Very Fine Sandy Loam To Loamy Sand	SM	A-2 A-4	0	0	90-100	90-100	55-75	25-45	15-20	NP-5
Tweba	---				---	---	---	---	---	---	---	---
1617:												

Table H. - Engineering Index Properties - Continued

Northwest Elko County Area, Nevada, Part Of Elko And Eureka Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
1617: Cleavage	In											
	0-4	Extremely Gravelly Loam	GC	A-2	0	0-10	35-45	15-25	10-25	10-20	25-30	5-10
	4-18	Very Cobbly Clay Loam Extremely Gravelly Clay Loam	GC-GM GC	A-2	0-5	0-45	40-55	30-45	25-45	20-35	30-45	10-20
	18-22	Very Gravelly Loam Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Hapgood	0-13	Very Gravelly Loam	GC-GM GM	A-2	0	0	40-55	35-50	30-40	25-35	20-30	NP-10
	13-41	Very Gravelly Loam Very Gravelly Fine Sandy Loam	GC GC-GM	A-2	0	0-10	50-60	45-55	35-50	25-35	25-30	5-10
	41-55	Very Cobbly Loam Very Gravelly Sandy Loam	GM	A-1 A-2	0	15-40	55-65	50-60	35-45	20-35	20-30	NP-5
	55-59	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Tweener	0-5	Very Cobbly Sandy Loam	GC-GM SC	A-2	10-25	30-35	55-85	50-80	30-55	15-30	25-30	5-10
	5-8	Very Cobbly Clay Loam Very Cobbly Loam	SC-SM GC SC	A-2 A-6 A-7	10-25	35-40	60-80	55-75	40-70	30-50	30-45	10-20
	8-18	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
1618:												

Table H. - Engineering Index Properties - Continued

Northwest Elko County Area, Nevada, Part Of Elko And Eureka Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
1618: Cleavage	In											
	0-4	Very Gravelly Loam	GC GC-GM	A-2 A-4 A-6	0	0-10	50-70	30-50	25-45	20-40	25-35	5-15
	4-18	Very Cobbly Clay Loam Extremely Gravelly Clay Loam	GC	A-2	0-5	0-45	40-55	30-45	25-45	20-35	30-45	10-20
	18-22	Very Gravelly Loam Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Sumine	0-10	Very Gravelly Loam	GC GC-GM	A-2 A-4	0	10-15	50-65	45-60	40-50	30-40	20-30	5-10
	10-29	Very Gravelly Clay Loam Very Cobbly Clay Loam	GC	A-2 A-6	0-5	15-40	45-70	35-65	30-50	25-45	35-45	15-25
	29-33	Very Gravelly Loam Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Pequop	0-12	Gravelly Loam	CL-ML GC GC-GM	A-4	0	5-10	60-80	55-75	40-70	35-55	20-30	5-10
	12-50	Extremely Gravelly Sandy Clay Loam Very Gravelly Clay Loam Very Gravelly Sandy Clay Loam	GC	A-2	0	10-30	30-55	25-50	10-40	10-35	30-40	10-20
	50-60	Very Gravelly Loam Extremely Gravelly Loam	GC	A-2	0	15-40	15-55	15-50	10-40	10-35	25-35	10-15
Welch	---				---	---	---	---	---	---	---	---
1619:												

Table H. - Engineering Index Properties - Continued

Northwest Elko County Area, Nevada, Part Of Elko And Eureka Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
1619: Cleavage	In											
	0-4	Extremely Gravelly Loam	GC	A-2	0	0-10	35-45	15-25	10-25	10-20	25-30	5-10
	4-18	Very Cobbly Clay Loam Extremely Gravelly Clay Loam	GC-GM GC	A-2	0-5	0-45	40-55	30-45	25-45	20-35	30-45	10-20
	18-22	Very Gravelly Loam Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Tusk	0-14	Loam	CL	A-4	0	0-5	80-100	75-100	65-95	55-90	20-35	5-15
	14-38	Gravelly Clay Loam	CL-ML CL GC SC	A-6 A-6	0-5	0-15	65-80	60-75	55-70	40-55	35-40	15-20
	38-60	Very Gravelly Clay Loam Very Cobbly Loam Extremely Cobbly Loam	GC GC SC	A-2 A-6	0-5	15-45	30-75	25-60	20-50	15-40	25-40	10-20
Sumine	0-10	Very Gravelly Loam	GC	A-2	0	10-15	50-65	45-60	40-50	30-40	20-30	5-10
	10-29	Very Gravelly Clay Loam Very Cobbly Clay Loam Very Gravelly Loam	GC-GM GC	A-4 A-2 A-6 A-7	0-5	15-40	45-70	35-65	30-50	25-45	35-45	15-25
	29-33	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
1621: Cleavage	0-4	Very Gravelly Loam	GC	A-2	0	0-10	50-70	30-50	25-45	20-40	25-35	5-15
			GC-GM	A-4 A-6								
	4-18	Very Gravelly Loam Extremely Gravelly Clay Loam	GC	A-2	0-5	0-45	40-55	30-45	25-45	20-35	30-45	10-20
	18-22	Very Cobbly Clay Loam Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Northwest Elko County Area, Nevada, Part Of Elko And Eureka Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
1621:												
Graley	0-12	Stony Loam	CL-ML ML SC-SM SM	A-4	1-5	5-15	70-95	60-90	50-85	35-65	20-30	NP-10
	12-17	Very Gravelly Clay Loam	GC	A-2	0-25	0-25	40-55	35-50	30-50	25-40	45-55	20-30
	17-21	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Cleavage	0-4	Extremely Gravelly Loam	GC GC-GM	A-2	0	0-10	35-45	15-25	10-25	10-20	25-30	5-10
	4-18	Very Cobbly Clay Loam Extremely Gravelly Clay Loam	GC	A-2	0-5	0-45	40-55	30-45	25-45	20-35	30-45	10-20
	18-22	Very Gravelly Loam Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Welch	---				---	---	---	---	---	---	---	---
1622:												
Cleavage	0-4	Extremely Gravelly Loam	GC GC-GM	A-2	0	0-10	35-45	15-25	10-25	10-20	25-30	5-10
	4-18	Very Cobbly Clay Loam Extremely Gravelly Clay Loam	GC	A-2	0-5	0-45	40-55	30-45	25-45	20-35	30-45	10-20
	18-22	Very Gravelly Loam Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Northwest Elko County Area, Nevada, Part Of Elko And Eureka Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
1622: Sumine	In											
	0-10	Very Gravelly Loam	GC	A-2	0	10-15	50-65	45-60	40-50	30-40	20-30	5-10
	10-29	Very Gravelly Clay Loam	GC-GM	A-4								
		Very Cobbly Clay Loam	GC	A-2	0-5	15-40	45-70	35-65	30-50	25-45	35-45	15-25
		Very Gravelly Loam		A-6								
	29-33	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Hapgood	0-13	Very Gravelly Loam	GC-GM	A-2	0	0	40-55	35-50	30-40	25-35	20-30	NP-10
	13-41	Very Gravelly Loam	GM									
		Very Gravelly Fine Sandy Loam	GC	A-2	0	0-10	50-60	45-55	35-50	25-35	25-30	5-10
	41-55	Very Gravelly Sandy Loam	GC-GM									
		Very Cobbly Loam	GM	A-1	0	15-40	55-65	50-60	35-45	20-35	20-30	NP-5
	55-59	Unweathered Bedrock	---	A-2	---	---	---	---	---	---	---	---
1623: Cleavage	0-4	Extremely Gravelly Loam	GC	A-2	0	0-10	35-45	15-25	10-25	10-20	25-30	5-10
	4-18	Very Cobbly Clay Loam	GC-GM									
		Extremely Gravelly Clay Loam	GC	A-2	0-5	0-45	40-55	30-45	25-45	20-35	30-45	10-20
	18-22	Very Gravelly Loam										
		Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Hapgood	0-13	Very Gravelly Loam	GC-GM	A-2	0	0	40-55	35-50	30-40	25-35	20-30	NP-10
	13-41	Very Gravelly Loam	GM									
		Very Gravelly Fine Sandy Loam	GC	A-2	0	0-10	50-60	45-55	35-50	25-35	25-30	5-10
	41-55	Very Cobbly Loam	GC-GM									
		Very Gravelly Sandy Loam	GM	A-1	0	15-40	55-65	50-60	35-45	20-35	20-30	NP-5
	55-59	Unweathered Bedrock	---	A-2	---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Northwest Elko County Area, Nevada, Part Of Elko And Eureka Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
1623:												
Sumine	0-10	Very Gravelly Loam	GC	A-2	0	10-15	50-65	45-60	40-50	30-40	20-30	5-10
	10-29	Very Gravelly Loam Very Gravelly Clay Loam Very Cobbly Clay Loam	GC-GM GC	A-4 A-2 A-6 A-7	0-5	15-40	45-70	35-65	30-50	25-45	35-45	15-25
	29-33	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
1625:												
Cleavage	0-4	Very Gravelly Loam	GC	A-2	0	0-10	50-70	30-50	25-45	20-40	25-35	5-15
	4-18	Very Cobbly Clay Loam Extremely Gravelly Clay Loam	GC-GM GC	A-4 A-6 A-2	0-5	0-45	40-55	30-45	25-45	20-35	30-45	10-20
	18-22	Very Gravelly Loam Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Ninemile	0-4	Gravelly Loam	CL	A-6	0	0-5	60-85	55-75	50-70	35-60	30-35	10-15
	4-19	Clay	GC									
	19-23	Gravelly Clay Unweathered Bedrock	CH	A-7	0	0-15	70-100	65-100	60-90	50-80	50-65	25-35
			---	---	---	---	---	---	---	---	---	---
Sumine	0-10	Very Gravelly Loam	GC	A-2	0	10-15	50-65	45-60	40-50	30-40	20-30	5-10
	10-29	Very Gravelly Clay Loam Very Cobbly Clay Loam Very Gravelly Loam	GC-GM GC	A-4 A-2 A-6 A-7	0-5	15-40	45-70	35-65	30-50	25-45	35-45	15-25
	29-33	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Welch	---				---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Northwest Elko County Area, Nevada, Part Of Elko And Eureka Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches Pct	3-10 Inches Pct	4	10	40	200		
1626: Cleavage	In											
	0-4	Very Gravelly Loam	GC GC-GM	A-2 A-4 A-6	0	0-10	50-70	30-50	25-45	20-40	25-35	5-15
	4-18	Very Cobbly Clay Loam Extremely Gravelly Clay Loam	GC	A-2	0-5	0-45	40-55	30-45	25-45	20-35	30-45	10-20
	18-22	Very Gravelly Loam Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Carstump	0-14	Gravelly Loam	CL-ML ML	A-4	0	0-10	65-85	60-80	55-75	50-70	20-30	NP-10
	14-36	Very Cobbly Clay Very Gravelly Clay	SC SM	A-2 A-7	0	0-50	65-75	35-50	35-45	30-40	45-60	15-30
	36-40	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Chen	0-7	Very Cobbly Loam	GC GC-GM	A-2 A-4 A-6	0-10	45-55	55-65	50-60	45-55	30-40	25-35	5-15
	7-15	Very Gravelly Clay Very Cobbly Clay	GC	A-2	0-15	5-50	45-55	30-50	25-40	25-35	55-65	35-40
	15-19	Extremely Cobbly Clay Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
1628: Cleavage	0-4	Very Gravelly Loam	GC GC-GM	A-2 A-4 A-6	0	0-10	50-70	30-50	25-45	20-40	25-35	5-15
	4-18	Very Cobbly Clay Loam Extremely Gravelly Clay Loam	GC	A-2	0-5	0-45	40-55	30-45	25-45	20-35	30-45	10-20
	18-22	Very Gravelly Loam Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Northwest Elko County Area, Nevada, Part Of Elko And Eureka Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
1628: Chen	In											
	0-7	Very Cobbly Loam	GC GC-GM	A-2 A-4 A-6	0-10	45-55	55-65	50-60	45-55	30-40	25-35	5-15
	7-15	Extremely Cobbly Clay Very Cobbly Clay Very Gravelly Clay	GC	A-2	0-15	5-50	45-55	30-50	25-40	25-35	55-65	35-40
	15-19	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Reluctan	0-9	Gravelly Loam	CL-ML SC SC-SM	A-4	0	5-10	70-80	60-75	50-65	40-55	25-30	5-10
	9-27	Gravelly Clay Loam Gravelly Loam	CL GC	A-6 A-7	0	0-15	65-85	60-75	55-75	40-60	35-45	15-20
	27-31	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
1640: Tusk	0-14	Gravelly Loam	CL CL-ML GC GC-GM	A-4 A-6	0	0-5	60-80	50-75	40-70	35-65	20-35	5-15
	14-38	Gravelly Clay Loam	CL GC SC	A-6	0-5	0-15	65-80	60-75	55-70	40-55	35-40	15-20
	38-60	Very Gravelly Clay Loam Very Cobbly Loam Extremely Cobbly Loam	GC SC	A-2 A-6	0-5	15-45	30-75	25-60	20-50	15-40	25-40	10-20

Table H. - Engineering Index Properties - Continued

Northwest Elko County Area, Nevada, Part Of Elko And Eureka Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches Pct	3-10 Inches Pct	4	10	40	200		
1640: Cleavage	In											
	0-4	Very Cobbly Loam	GC GC-GM	A-2 A-4 A-6	0-5	30-45	55-75	45-65	40-60	25-50	25-35	5-15
	4-18	Extremely Cobbly Sandy Clay Loam Very Gravelly Clay Loam Very Cobbly Clay Loam	GC	A-2	5-15	10-40	40-55	30-45	25-45	20-35	30-45	10-20
	18-28	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Hackwood	0-26	Silt Loam	CL CL-ML	A-4 A-6	0	0	80-100	75-100	70-90	60-80	20-35	5-15
	26-34	Gravelly Loam Gravelly Silt Loam	CL CL-ML GC GC-GM SC-SM	A-4 A-6	0	0	60-80	50-75	40-70	35-65	25-35	5-15
	34-60	Very Gravelly Clay Loam Very Gravelly Silty Clay Very Gravelly Loam	GC	A-2 A-6	0	0	40-60	35-50	30-45	25-40	35-40	15-20
	---				---	---	---	---	---	---	---	---
Welch	---				---	---	---	---	---	---	---	---
1650: Ninemile	0-4	Very Cobbly Loam	CL CL-ML	A-4	1-5	30-65	70-90	70-85	60-75	50-60	25-30	5-10
	4-19	Clay Gravelly Clay	CH	A-7	0	0-15	70-100	65-100	60-90	50-80	55-65	30-35
	19-23	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Northwest Elko County Area, Nevada, Part Of Elko And Eureka Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
1650: Tusk	0-14	Gravelly Loam	CL CL-ML GC GC-GM	A-4 A-6	0	0-5	60-80	50-75	40-70	35-65	20-35	5-15
	14-38	Gravelly Clay Loam	CL GC SC	A-6	0-5	0-15	65-80	60-75	55-70	40-55	35-40	15-20
	38-60	Very Cobbly Loam Extremely Cobbly Loam Very Gravelly Clay Loam	GC GC SC	A-2 A-6	0-5	15-45	30-75	25-60	20-50	15-40	25-40	10-20
Ninemile	0-4	Very Cobbly Loam	CL CL-ML	A-4	1-5	30-65	70-90	70-85	60-75	50-60	25-30	5-10
	4-19	Clay Gravelly Clay	CH	A-7	0	0-15	70-100	65-100	60-90	50-80	55-65	30-35
	19-23	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
1651: Ninemile	0-4	Very Cobbly Loam	CL CL-ML	A-4	1-5	30-65	70-90	70-85	60-75	50-60	25-30	5-10
	4-19	Clay Gravelly Clay	CH	A-7	0	0-15	70-100	65-100	60-90	50-80	55-65	30-35
	19-23	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Reluctan	0-9	Cobbly Loam	CL CL-ML SC-SM	A-4	0-5	10-30	80-90	70-90	60-85	40-70	20-30	5-10
	9-27	Gravelly Loam Gravelly Clay Loam	CL GC	A-6 A-7	0-5	0-15	65-85	60-75	55-75	40-60	35-45	15-20
	27-37	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Northwest Elko County Area, Nevada, Part Of Elko And Eureka Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
1651: Ninemile	In											
	0-4	Very Cobbly Loam	CL	A-4	1-5	30-65	70-90	70-85	60-75	50-60	25-30	5-10
	4-19	Clay	CL-ML									
		Gravelly Clay	CH	A-7	0	0-15	70-100	65-100	60-90	50-80	55-65	30-35
	19-23	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Welch	---				---	---	---	---	---	---	---	---
1652: Ninemile												
	0-4	Very Cobbly Loam	CL	A-4	1-5	30-65	70-90	70-85	60-75	50-60	25-30	5-10
	4-19	Gravelly Clay	CL-ML									
		Clay	CH	A-7	0	0-15	70-100	65-100	60-90	50-80	55-65	30-35
	19-23	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Graley												
	0-12	Very Cobbly Loam	GC-GM	A-4	0	30-55	65-80	65-70	55-65	35-50	20-30	NP-10
			GM									
			SC-SM									
			SM									
	12-17	Very Gravelly Clay Loam	GC	A-2	0-25	0-25	40-55	35-50	30-50	25-40	45-55	20-30
		Very Gravelly Clay		A-7								
	17-21	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Ninemile												
	0-4	Very Cobbly Loam	CL	A-4	1-5	30-65	70-90	70-85	60-75	50-60	25-30	5-10
	4-19	Clay	CL-ML									
		Gravelly Clay	CH	A-7	0	0-15	70-100	65-100	60-90	50-80	55-65	30-35
	19-23	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Welch	---				---	---	---	---	---	---	---	---
1653:												

Table H. - Engineering Index Properties - Continued

Northwest Elko County Area, Nevada, Part Of Elko And Eureka Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct					Pct	
1653: Ninemile	0-4	Cobbly Loam	ML	A-4	1-5	10-25	85-95	80-90	65-85	50-65	30-35	5-10
	4-19	Clay	CH	A-7	0	0-15	70-100	65-100	60-90	50-80	50-65	25-35
	19-23	Gravelly Clay Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Reluctan	0-9	Very Gravelly Loam	GC	A-2	0	10-25	35-65	30-55	25-55	20-40	25-30	5-10
			GC-GM	A-4								
	9-27	Gravelly Loam	CL	A-6	0	0-15	65-85	60-75	55-75	40-60	35-45	15-20
		Gravelly Clay Loam	GC	A-7								
	27-31	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Graley	0-7	Stony Loam	CL-ML	A-4	1-5	5-15	70-95	60-90	50-85	35-65	20-30	NP-10
			ML									
			SC-SM									
			SM									
	7-17	Very Gravelly Clay Loam	GC	A-2	0-25	0-25	40-55	35-50	30-50	25-40	45-55	20-30
		Very Gravelly Clay		A-7								
	17-21	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Welch, Frequently Flooded	---				---	---	---	---	---	---	---	---
Welch, Occasionally	---				---	---	---	---	---	---	---	---
1655: Ninemile	0-4	Very Stony Loam	CL	A-4	5-25	15-40	70-90	70-85	60-75	50-60	25-30	5-10
			CL-ML									
	4-19	Clay	CH	A-7	0	0-15	70-100	65-100	60-90	50-80	55-65	30-35
		Gravelly Clay										
	19-23	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Northwest Elko County Area, Nevada, Part Of Elko And Eureka Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct					Pct	
1655: Thwoop	0-4	Gravelly Silt Loam	CL CL-ML GC-GM	A-4	0	0-10	70-95	55-75	40-65	40-65	25-30	5-10
	4-10	Silt Loam	CL	A-6	0	0-10	90-95	85-90	50-75	50-75	30-35	10-15
	10-25	Very Gravelly Clay	GC	A-2	0	10-25	45-60	40-55	30-45	30-45	40-55	20-30
	25-27	Indurated	---	---	---	---	---	---	---	---	---	---
	27-37	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Pequop	0-12	Gravelly Loam	CL-ML GC GC-GM	A-4	0	5-10	60-80	55-75	40-70	35-55	20-30	5-10
	12-50	Very Gravelly Sandy Clay Loam	GC	A-2	0	10-30	30-55	25-50	10-40	10-35	30-40	10-20
	50-60	Extremely Gravelly Sandy Clay Loam Very Gravelly Clay Loam Very Gravelly Loam Extremely Gravelly Loam	GC	A-2	0	15-40	15-55	15-50	10-40	10-35	25-35	10-15
1656: Ninemile	0-4	Gravelly Loam	CL GC	A-6	0	0-5	60-85	55-75	50-70	35-60	30-35	10-15
	4-19	Clay Gravelly Clay	CH	A-7	0	0-15	70-100	65-100	60-90	50-80	50-65	25-35
	19-23	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Northwest Elko County Area, Nevada, Part Of Elko And Eureka Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
1656: Pequop	In											
	0-12	Gravelly Loam	CL-ML GC GC-GM	A-4	0	5-10	60-80	55-75	40-70	35-55	20-30	5-10
	12-50	Very Gravelly Sandy Clay Loam Extremely Gravelly Sandy Clay Loam	GC GC-GM	A-2	0	10-30	30-55	25-50	10-40	10-35	30-40	10-20
	50-60	Very Gravelly Clay Loam Very Gravelly Loam Extremely Gravelly Loam	GC	A-2	0	15-40	15-55	15-50	10-40	10-35	25-35	10-15
Gumble	0-4	Very Gravelly Sandy Loam	GC GC-GM	A-1 A-2	0	5-15	50-60	40-50	25-35	15-25	25-30	5-10
	4-18	Clay Gravelly Clay	CH GC	A-7	0	0-15	65-100	60-90	55-85	45-70	50-65	25-40
	18-22	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
1657: Ninemile	0-4	Gravelly Loam	CL GC	A-6	0	0-5	60-85	55-75	50-70	35-60	30-35	10-15
	4-19	Clay Gravelly Clay	CH	A-7	0	0-15	70-100	65-100	60-90	50-80	50-65	25-35
	19-23	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Northwest Elko County Area, Nevada, Part Of Elko And Eureka Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
1657: Alyan	In											
	0-9	Gravelly Loam	CL CL-ML GC GC-GM	A-2 A-4 A-6	0	0-5	55-80	50-75	35-60	25-55	25-35	5-15
	9-16	Clay	CH CL	A-7	0	0-5	80-90	75-85	65-80	50-65	45-60	20-35
	16-28	Gravelly Clay	CH CL GC	A-7	0	0-5	55-80	50-75	40-65	35-55	45-60	20-35
	28-32	Very Gravelly Clay	GC	A-2 A-7	0	0-5	45-55	40-50	35-45	25-40	45-60	20-35
	32-36	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Welch, Occasionally	---				---	---	---	---	---	---	---	---
1658: Ninemile	0-4	Gravelly Loam	CL GC	A-6	0	0-5	60-85	55-75	50-70	35-60	30-35	10-15
	4-19	Clay Gravelly Clay	CH	A-7	0	0-15	70-100	65-100	60-90	50-80	50-65	25-35
	19-23	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Ninemile	0-4	Gravelly Loam	CL GC	A-6	0	0-5	60-85	55-75	50-70	35-60	30-35	10-15
	4-19	Clay Gravelly Clay	CH	A-7	0	0-15	70-100	65-100	60-90	50-80	50-65	25-35
	19-23	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Northwest Elko County Area, Nevada, Part Of Elko And Eureka Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct					Pct	
1658: Vanwyper	In											
	0-10	Very Cobbly Loam	SC	A-2	0-5	30-45	70-80	55-65	40-55	30-40	25-35	10-15
	10-25	Very Cobbly Clay Very Cobbly Clay Loam	CH CL GC	A-6 A-7	0-10	30-55	55-75	50-65	45-60	40-55	40-60	20-40
	25-29	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
1659: Ninemile	0-4	Gravelly Loam	CL GC	A-6	0	0-5	60-85	55-75	50-70	35-60	30-35	10-15
	4-19	Clay Gravelly Clay	CH	A-7	0	0-15	70-100	65-100	60-90	50-80	50-65	25-35
	19-23	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Carstump	0-14	Gravelly Loam	CL-ML ML	A-4	0	0-10	65-85	60-80	55-75	50-70	20-30	NP-10
	14-36	Very Cobbly Clay Very Gravelly Clay	SC SM	A-2 A-7	0	0-50	65-75	35-50	35-45	30-40	45-60	15-30
	36-40	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
1660: Susie Creek	0-10	Loam	CL	A-6	0	0	90-100	75-100	70-95	55-75	30-35	10-15
	10-30	Clay Loam Clay	CH CL	A-7	0	0-10	90-100	85-100	70-100	70-95	40-60	20-30
	30-60	Loam Clay Loam	CL CL-ML	A-4 A-6	0	0-10	90-100	85-100	65-85	50-70	25-35	5-15
Pie Creek	0-5	Loam	ML	A-4	0	0-10	95-100	90-100	80-90	60-70	25-30	NP-5
	5-23	Clay	CH	A-7	0	0	95-100	90-100	85-95	80-90	65-70	35-40
	23-27	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Northwest Elko County Area, Nevada, Part Of Elko And Eureka Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct					Pct	
1660: Pattani	In											
	0-14	Clay	CH	A-7	0	0	95-100	90-100	80-90	70-80	50-60	30-40
	14-37	Clay Clay Loam Silty Clay Loam	CH CL	A-7	0	0	85-95	80-90	75-85	65-80	40-55	25-35
	37-41	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
1671: Linkup	0-3	Cobbly Loam	CL CL-ML	A-4	0	15-30	75-95	70-90	60-80	50-60	20-30	5-10
	3-5	Cobbly Clay Loam Very Cobbly Clay Loam Cobbly Clay	CL	A-6 A-7	0	25-45	80-100	75-90	70-80	55-70	35-50	15-25
	5-17	Clay Cobbly Clay	CH	A-7	0	0-40	90-100	85-100	75-90	70-80	50-60	25-35
	17-21	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Carstump	0-14	Very Gravelly Loam	SC SC-SM SM	A-2	0	0	65-75	35-50	35-45	25-35	25-35	5-10
	14-36	Very Gravelly Clay Very Cobbly Clay	SC SM	A-2 A-7	0	0-50	65-75	35-50	35-45	30-40	45-60	15-30
	36-60	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Linkup	0-3	Very Cobbly Loam	GC GC-GM	A-2 A-4	0-5	30-45	50-75	45-70	35-60	25-50	20-30	5-10
	3-5	Cobbly Clay Loam Very Cobbly Clay Loam Cobbly Clay	CL	A-6 A-7	0	25-45	80-100	75-90	70-80	55-70	35-50	15-25
	5-17	Clay Cobbly Clay	CH	A-7	0	0-40	90-100	85-100	75-90	70-80	50-60	25-35
	17-21	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Northwest Elko County Area, Nevada, Part Of Elko And Eureka Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
1671:												
Welch, Frequently Flooded	---				---	---	---	---	---	---	---	---
Welch, Occasionally	---				---	---	---	---	---	---	---	---
1672:												
Linkup	0-3	Very Cobbly Loam	GC	A-2	0-5	30-45	50-75	45-70	35-60	25-50	20-30	5-10
	3-5	Cobbly Clay Cobbly Clay Loam Very Cobbly Clay Loam	GC-GM CL	A-4 A-6 A-7	0	25-45	80-100	75-90	70-80	55-70	35-50	15-25
	5-17	Clay Cobbly Clay	CH	A-7	0	0-40	90-100	85-100	75-90	70-80	50-60	25-35
	17-21	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Carstump	0-14	Gravelly Loam	CL-ML	A-4	0	0-10	65-85	60-80	55-75	50-70	20-30	NP-10
	14-36	Very Gravelly Clay Very Cobbly Clay	ML SC SM	A-2 A-7	0	0-50	65-75	35-50	35-45	30-40	45-60	15-30
	36-40	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Linkup	0-3	Very Cobbly Loam	GC	A-2	0-5	30-45	50-75	45-70	35-60	25-50	20-30	5-10
	3-5	Cobbly Clay Loam Very Cobbly Clay Loam Cobbly Clay	GC-GM CL	A-4 A-6 A-7	0	25-45	80-100	75-90	70-80	55-70	35-50	15-25
	5-17	Cobbly Clay Clay	CH	A-7	0	0-40	90-100	85-100	75-90	70-80	50-60	25-35
	17-21	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Welch, Frequently Flooded	---				---	---	---	---	---	---	---	---
1673:												

Table H. - Engineering Index Properties - Continued

Northwest Elko County Area, Nevada, Part Of Elko And Eureka Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct					Pct	
1673: Linkup	In											
	0-3	Very Gravelly Loam	GC	A-2	0	0-15	40-60	30-50	25-50	20-35	20-30	5-10
	3-5	Clay Loam	GC-GM									
		Gravelly Clay Loam	CL	A-6	0	0-10	55-100	50-90	45-80	40-75	35-50	15-25
		Gravelly Clay	GC	A-7								
	5-17	Clay	CH	A-7	0	0-10	55-100	50-90	45-85	40-80	50-60	25-35
		Gravelly Clay	GC									
	17-21	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Quarz	0-6	Very Gravelly Loam	GC	A-2	0	0-15	40-55	35-50	30-45	20-35	25-35	10-15
	6-21	Very Gravelly Clay	GC	A-2	0	0-25	30-55	25-50	20-45	15-40	45-60	20-30
		Very Gravelly Clay Loam		A-7								
	21-25	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Alyan	0-9	Cobbly Loam	CL	A-6	0-1	15-30	80-100	70-90	60-85	40-70	25-35	10-15
			SC									
	9-16	Clay	CH	A-7	0	0-5	80-90	75-85	65-80	50-65	45-60	20-35
			CL									
	16-28	Gravelly Clay	CH	A-7	0	0-5	55-80	50-75	40-65	35-55	45-60	20-35
			CL									
			GC									
	28-32	Very Gravelly Clay	GC	A-2	0	0-5	40-55	40-50	35-45	20-40	45-60	20-35
				A-7								
	32-36	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
1675:												

Table H. - Engineering Index Properties - Continued

Northwest Elko County Area, Nevada, Part Of Elko And Eureka Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
1675: Linkup	In											
	0-3	Gravelly Clay Loam	CL	A-6	0	0-10	65-90	60-85	55-80	50-70	35-45	15-20
	3-5	Clay Loam	CL	A-6	0	0-10	55-100	50-90	45-80	40-75	35-50	15-25
		Gravelly Clay Loam	GC	A-7								
		Gravelly Clay										
	5-17	Clay	CH	A-7	0	0-10	55-100	50-90	45-85	40-80	50-60	25-35
		Gravelly Clay	GC									
	17-21	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Ratsow	0-7	Loam	CL	A-4	0	0	80-100	75-100	65-95	45-65	25-30	5-10
			CL-ML									
			SC-SM									
	7-29	Clay Loam	CH	A-7	0	0	80-100	75-100	70-90	55-70	40-55	20-30
		Clay	CL									
	29-30	Indurated	---	---	---	---	---	---	---	---	---	---
	30-34	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Snowmore	0-4	Very Fine Sandy Loam	CL	A-4	0	0-10	90-100	85-100	70-85	50-65	25-30	5-10
			CL-ML									
	4-13	Sandy Clay Loam	CL	A-6	0	0-10	90-100	85-100	70-90	50-75	30-40	10-15
		Clay Loam										
		Loam										
	13-22	Loam	CL	A-6	0	0-10	70-100	60-100	50-80	40-75	35-45	15-25
		Gravelly Loam	GC	A-7								
		Gravelly Clay Loam										
	22-28	Indurated	---	---	---	---	---	---	---	---	---	---
	28-32	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
1676:												

Table H. - Engineering Index Properties - Continued

Northwest Elko County Area, Nevada, Part Of Elko And Eureka Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
1676: Linkup	In											
	0-3	Cobbly Loam	CL CL-ML	A-4	0	15-30	75-95	70-90	60-80	50-60	20-30	5-10
	3-5	Very Cobbly Clay Loam Cobbly Clay Cobbly Clay Loam	CL	A-6 A-7	0	25-45	80-100	75-90	70-80	55-70	35-50	15-25
	5-17	Clay Cobbly Clay	CH	A-7	0	0-40	90-100	85-100	75-90	70-80	50-60	25-35
	17-21	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Quarz	0-6	Very Gravelly Loam	GC	A-2	0	0-15	40-55	35-50	30-45	20-35	25-35	10-15
	6-21	Very Gravelly Clay Very Gravelly Clay Loam	GC	A-2 A-7	0	0-25	30-55	25-50	20-45	15-40	45-60	20-30
	21-25	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
	---				---	---	---	---	---	---	---	---
Welch	---											
1680: Carstump	0-14	Very Gravelly Loam	SC SC-SM SM	A-2	0	0	65-75	35-50	35-45	25-35	25-35	5-10
	14-36	Very Gravelly Clay Very Cobbly Clay	SC SM	A-2 A-7	0	0-50	65-75	35-50	35-45	30-40	45-60	15-30
	36-40	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Reluctan	0-9	Cobbly Loam	CL CL-ML SC-SM	A-4	0-5	10-30	80-90	70-90	60-85	40-70	20-30	5-10
	9-27	Gravelly Loam Gravelly Clay Loam	CL GC	A-6 A-7	0-5	0-15	65-85	60-75	55-75	40-60	35-45	15-20
	27-37	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Northwest Elko County Area, Nevada, Part Of Elko And Eureka Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct					Pct	
1680: Ninemile	In											
	0-4	Very Cobbly Loam	CL	A-4	1-5	30-65	70-90	70-85	60-75	50-60	25-30	5-10
	4-19	Clay	CL-ML									
		Gravelly Clay	CH	A-7	0	0-15	70-100	65-100	60-90	50-80	55-65	30-35
	19-23	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Welch, Frequently Flooded	---				---	---	---	---	---	---	---	---
Welch, Occasionally	---				---	---	---	---	---	---	---	---
1685: Carstump	0-14	Very Gravelly Loam	SC	A-2	0	0	65-75	35-50	35-45	25-35	25-35	5-10
			SC-SM									
			SM									
	14-36	Very Cobbly Clay	SC	A-2	0	0-50	65-75	35-50	35-45	30-40	45-60	15-30
		Very Gravelly Clay	SM	A-7								
	36-40	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Ninemile	0-4	Very Cobbly Loam	CL	A-4	1-5	30-65	70-90	70-85	60-75	50-60	25-30	5-10
			CL-ML									
	4-19	Clay	CH	A-7	0	0-15	70-100	65-100	60-90	50-80	55-65	30-35
		Gravelly Clay										
	19-23	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Graley	0-12	Very Cobbly Loam	GC-GM	A-4	0	30-55	65-80	65-70	55-65	35-50	20-30	NP-10
			GM									
			SC-SM									
			SM									
	12-17	Very Gravelly Clay Loam	GC	A-2	0-25	0-25	40-55	35-50	30-50	25-40	45-55	20-30
		Very Gravelly Clay		A-7								
	17-21	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Northwest Elko County Area, Nevada, Part Of Elko And Eureka Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches Pct	3-10 Inches Pct	4	10	40	200		
1685: Welch	---				---	---	---	---	---	---	---	---
1686: Carstump	0-14	Gravelly Loam	CL-ML	A-4	0	0-10	65-85	60-80	55-75	50-70	20-30	NP-10
	14-36	Very Gravelly Clay	ML	A-2	0	0-50	65-75	35-50	35-45	30-40	45-60	15-30
		Very Cobbly Clay	SC	A-7								
	36-40	Unweathered Bedrock	SM		---	---	---	---	---	---	---	---
Reluctan	0-9	Cobbly Loam	---	---								
			CL	A-4	0-5	10-30	80-90	70-90	60-85	40-70	20-30	5-10
			CL-ML									
			SC-SM									
	9-27	Gravelly Clay Loam	CL	A-6	0-5	0-15	65-85	60-75	55-75	40-60	35-45	15-20
		Gravelly Loam	GC	A-7								
	27-37	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Ninemile	0-4	Very Stony Loam	---	---								
			CL	A-4	5-25	15-40	70-90	70-85	60-75	50-60	25-30	5-10
			CL-ML									
	4-19	Clay	CH	A-7	0	0-15	70-100	65-100	60-90	50-80	55-65	30-35
		Gravelly Clay										
	19-23	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Welch	---				---	---	---	---	---	---	---	---
1687: Carstump	0-14	Cobbly Loam	---	---								
			CL-ML	A-4	0	15-30	90-95	80-90	75-85	60-70	20-30	NP-10
			ML									
	14-36	Very Cobbly Clay	GC	A-2	0	30-65	45-90	35-80	35-60	30-50	45-60	15-30
		Very Gravelly Clay	GM	A-7								
			SC									
			SM									
	36-40	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Northwest Elko County Area, Nevada, Part Of Elko And Eureka Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
1687:												
Linkup	0-3	Cobbly Loam	CL	A-4	0	15-30	75-95	70-90	60-80	50-60	20-30	5-10
	3-5	Cobbly Clay Cobbly Clay Loam Very Cobbly Clay Loam	CL-ML CL	A-6 A-7	0	25-45	80-100	75-90	70-80	55-70	35-50	15-25
	5-17	Clay	CH	A-7	0	0-40	90-100	85-100	75-90	70-80	50-60	25-35
	17-21	Cobbly Clay Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Carstump	0-14	Gravelly Loam	CL-ML ML	A-4	0	0-10	65-85	60-80	55-75	50-70	20-30	NP-10
	14-36	Very Gravelly Clay Very Cobbly Clay	SC SM	A-2 A-7	0	0-50	65-75	35-50	35-45	30-40	45-60	15-30
	36-40	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
1691:												
Pequop	0-12	Gravelly Loam	CL-ML GC	A-4	0	5-10	60-80	55-75	40-70	35-55	20-30	5-10
	12-50	Very Gravelly Clay Loam Extremely Gravelly Sandy Clay Loam Very Gravelly Sandy Clay Loam	GC-GM GC	A-2	0	10-30	30-55	25-50	10-40	10-35	30-40	10-20
	50-60	Extremely Gravelly Loam Very Gravelly Loam	GC	A-2	0	15-40	15-55	15-50	10-40	10-35	25-35	10-15
Rock Outcrop	---				---	---	---	---	---	---	---	---
Rubble Land	0-60	Fragmental Material	GP GW	A-1	30-65	30-65	0-10	0-5	0-5	0	0-14	NP

Distribution Generation Date:

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Table H. - Engineering Index Properties - Continued

Northwest Elko County Area, Nevada, Part Of Elko And Eureka Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct					Pct	
1700: Cotant	In											
	0-3	Gravelly Clay Loam	CL	A-6	0	0	60-85	50-70	40-65	35-60	35-45	15-20
	3-20	Clay	GC CH CL	A-7 A-7	0	0	90-100	75-100	60-100	50-95	45-65	25-40
	20-24	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
Quarz	0-6	Very Gravelly Loam	GC	A-2	0	0-15	40-55	35-50	30-45	20-35	25-35	10-15
	6-21	Very Gravelly Clay	GC	A-2	0	0-25	30-55	25-50	20-45	15-40	45-60	20-30
		Very Gravelly Clay Loam		A-7								
	21-25	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Ninemile	0-4	Very Cobbly Loam	CL CL-ML	A-4	1-5	30-65	70-90	70-85	60-75	50-60	25-30	5-10
	4-19	Clay	CH	A-7	0	0-15	70-100	65-100	60-90	50-80	55-65	30-35
		Gravelly Clay										
	19-23	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Welch, Occasionally	---				---	---	---	---	---	---	---	---
1702: Cotant												
	0-3	Gravelly Clay Loam	CL	A-6	0	0	60-85	50-70	40-65	35-60	35-45	15-20
	3-20	Clay	GC CH CL	A-7 A-7	0	0	90-100	75-100	60-100	50-95	45-65	25-40
	20-24	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Northwest Elko County Area, Nevada, Part Of Elko And Eureka Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
1702: Mcivey	In											
	0-16	Cobbly Loam	CL	A-6	0	15-25	75-95	65-90	60-80	50-70	30-40	10-15
	16-29	Very Gravelly Clay Loam Gravelly Clay Loam	CL GC SC	A-7	0	0-10	55-85	45-75	40-70	35-60	40-45	20-25
	29-65	Very Gravelly Clay Very Cobbly Clay Extremely Cobbly Clay	GC	A-2 A-7	0-25	10-55	45-60	35-50	35-45	30-45	45-55	30-35
Blitzen	0-10	Very Gravelly Clay Loam	GC	A-2	0	0-10	35-55	30-50	25-40	20-30	35-45	15-20
	10-33	Very Gravelly Clay Loam Very Gravelly Clay	GC	A-2	0	0-10	35-55	30-50	25-40	20-35	45-65	20-35
	33-37	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
1703: Cotant	0-3	Gravelly Clay Loam	CL GC	A-6 A-7	0	0	60-85	50-70	40-65	35-60	35-45	15-20
	3-20	Clay	CH CL	A-7	0	0	90-100	75-100	60-100	50-95	45-65	25-40
	20-24	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
Lerrow	0-9	Cobbly Loam	CL SC	A-6	0	30-40	80-95	75-90	65-75	45-55	30-35	10-15
	9-14	Clay Loam Gravelly Clay Loam	CL GC	A-7	0	0	55-90	50-85	45-80	35-65	40-50	20-25
	14-27	Cobbly Clay Gravelly Clay Clay	CH	A-7	0-5	10-25	75-95	65-85	60-75	55-70	50-60	25-35
	27-31	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Northwest Elko County Area, Nevada, Part Of Elko And Eureka Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
1703: Bullump	In											
	0-12	Very Gravelly Loam	GC SC	A-2	0	0-10	45-70	35-50	30-45	25-35	25-35	10-15
	12-46	Very Gravelly Loam Very Gravelly Sandy Clay Loam	GC	A-2 A-6 A-7	0	0-15	40-65	30-50	25-45	15-40	35-45	15-20
	46-50	Very Gravelly Clay Loam Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
1711: Reluctan	0-9	Cobbly Loam	CL CL-ML SC-SM	A-4	0-5	10-30	80-90	70-90	60-85	40-70	20-30	5-10
	9-27	Gravelly Loam Gravelly Clay Loam	CL GC	A-6 A-7	0-5	0-15	65-85	60-75	55-75	40-60	35-45	15-20
	27-37	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Ninemile	0-4	Cobbly Loam	ML	A-4	1-5	10-25	85-95	80-90	65-85	50-65	30-35	5-10
	4-19	Clay Gravelly Clay	CH	A-7	0	0-15	70-100	65-100	60-90	50-80	50-65	25-35
	19-23	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Cleavage	0-4	Gravelly Loam	SC SC-SM	A-2 A-4 A-6	0	0-10	75-90	55-75	40-60	25-50	25-35	5-15
	4-18	Very Cobbly Clay Loam Extremely Cobbly Sandy Clay Loam	GC	A-2	0	10-45	40-55	30-45	25-45	20-35	30-45	10-20
	18-28	Very Gravelly Clay Loam Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Welch, Frequently Flooded	---				---	---	---	---	---	---	---	---
Welch, Occasionally	---				---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Northwest Elko County Area, Nevada, Part Of Elko And Eureka Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
1711:	In											
1712:												
Reluctan	0-9	Cobbly Loam	CL CL-ML SC-SM	A-4	0-5	10-30	80-90	70-90	60-85	40-70	20-30	5-10
	9-27	Gravelly Loam	CL	A-6	0-5	0-15	65-85	60-75	55-75	40-60	35-45	15-20
		Gravelly Clay Loam	GC	A-7								
	27-37	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Cleavage	0-4	Very Gravelly Loam	GC GC-GM	A-2 A-4 A-6	0	0-10	50-70	30-50	25-45	20-40	25-35	5-15
	4-18	Very Cobbly Clay Loam	GC	A-2	0-5	0-45	40-55	30-45	25-45	20-35	30-45	10-20
		Extremely Gravelly Clay Loam										
		Very Gravelly Loam										
	18-22	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Sumine	0-10	Very Gravelly Loam	GC GC-GM	A-2 A-4	0	10-15	50-65	45-60	40-50	30-40	20-30	5-10
	10-29	Very Gravelly Loam	GC	A-2	0-5	15-40	45-70	35-65	30-50	25-45	35-45	15-25
		Very Gravelly Clay Loam		A-6								
		Very Cobbly Clay Loam		A-7								
	29-33	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Welch	---				---	---	---	---	---	---	---	---
1713:												

Table H. - Engineering Index Properties - Continued

Northwest Elko County Area, Nevada, Part Of Elko And Eureka Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
1713: Reluctan	In											
	0-9	Gravelly Loam	CL-ML SC SC-SM	A-4	0	5-10	70-80	60-75	50-65	40-55	25-30	5-10
	9-27	Gravelly Clay Loam	CL	A-6	0	0-15	65-85	60-75	55-75	40-60	35-45	15-20
	27-31	Gravelly Loam	GC	A-7								
		Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Erakatak	0-4	Gravelly Loam	CL CL-ML GC GC-GM	A-2 A-4 A-6	0	0-5	60-80	50-75	40-60	30-55	25-35	5-15
	4-19	Very Cobbly Clay Very Cobbly Clay Loam	CH CL GC	A-7	0-5	25-55	60-75	50-65	45-60	40-55	40-55	15-30
	19-32	Very Cobbly Clay	CH CL GC	A-7	0-5	25-55	60-75	50-65	45-60	40-55	45-65	20-35
	32-35	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
	35-45	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Rugar	0-2	Loam	CL CL-ML	A-4 A-6	0	0	80-100	75-95	60-85	50-70	25-35	5-15
	2-20	Clay Loam	CL	A-6 A-7	0	0	80-100	75-95	65-90	55-75	35-45	15-20
	20-43	Clay	CH CL	A-7	0	0-5	80-100	75-95	65-90	55-70	45-60	25-35
	43-47	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
Welch	---				---	---	---	---	---	---	---	---
1720:												

Table H. - Engineering Index Properties - Continued

Northwest Elko County Area, Nevada, Part Of Elko And Eureka Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
1720: Alyan	In											
	0-9	Cobbly Loam	CL	A-6	0-1	15-30	80-100	70-90	60-85	40-70	25-35	10-15
	9-16	Clay	SC CH	A-7	0	0-5	80-90	75-85	65-80	50-65	45-60	20-35
	16-28	Gravelly Clay	CL CH CL GC	A-7	0	0-5	55-80	50-75	40-65	35-55	45-60	20-35
	28-32	Very Gravelly Clay	GC	A-2 A-7	0	0-5	40-55	40-50	35-45	20-40	45-60	20-35
	32-36	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Quarz	0-6	Very Gravelly Loam	GC	A-2	0	0-15	40-55	35-50	30-45	20-35	25-35	10-15
	6-21	Very Gravelly Clay	GC	A-2	0	0-25	30-55	25-50	20-45	15-40	45-60	20-30
		Very Gravelly Clay Loam		A-7								
	21-25	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Ninemile	0-4	Very Cobbly Loam	CL CL-ML	A-4	1-5	30-65	70-90	70-85	60-75	50-60	25-30	5-10
	4-19	Clay Gravelly Clay	CH	A-7	0	0-15	70-100	65-100	60-90	50-80	55-65	30-35
	19-23	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
1725: Quarz	0-6	Very Stony Loam	CL GC SC	A-6	0-10	25-50	60-85	55-80	50-70	35-60	25-35	10-20
	6-9	Very Cobbly Clay Loam Very Gravelly Clay Loam	GC	A-2 A-6 A-7	0-10	10-40	35-60	30-55	25-50	20-40	35-45	15-25
	9-21	Very Gravelly Clay Very Gravelly Clay Loam	GC	A-2 A-7	0-5	5-25	30-55	25-50	20-45	15-40	45-55	20-30
	21-25	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---

Distribution Generation Date:

Table H. - Engineering Index Properties - Continued

Northwest Elko County Area, Nevada, Part Of Elko And Eureka Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
1725: Cleavage	In											
	0-4	Extremely Gravelly Loam	GC	A-2	0	0-10	35-45	15-25	10-25	10-20	25-30	5-10
	4-18	Very Cobbly Clay Loam Extremely Gravelly Clay Loam	GC-GM GC	A-2	0-5	0-45	40-55	30-45	25-45	20-35	30-45	10-20
	18-22	Very Gravelly Loam Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Loncan	0-17	Very Gravelly Loam	GC	A-2	0	10-15	40-60	30-45	25-40	20-35	30-35	10-15
	17-30	Very Gravelly Loam Extremely Cobbly Loam Very Gravelly Sandy Clay Loam	GC	A-2	0-5	5-55	35-60	30-50	25-40	20-35	30-35	10-15
	30-34	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Crooked Creek	---											
1726: Ninemile	0-4	Gravelly Loam	CL GC	A-6	0	0-5	60-85	55-75	50-70	35-60	30-35	10-15
	4-19	Clay Gravelly Clay	CH	A-7	0	0-15	70-100	65-100	60-90	50-80	50-65	25-35
	19-23	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Quarz	0-6	Very Gravelly Loam	GC	A-2	0	0-15	40-55	35-50	30-45	20-35	25-35	10-15
	6-21	Very Gravelly Clay Very Gravelly Clay Loam	GC	A-2 A-7	0	0-25	30-55	25-50	20-45	15-40	45-60	20-30
	21-25	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Northwest Elko County Area, Nevada, Part Of Elko And Eureka Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct					Pct	
1726: Pequop	In											
	0-12	Gravelly Loam	CL-ML GC GC-GM	A-4	0	5-10	60-80	55-75	40-70	35-55	20-30	5-10
	12-50	Very Gravelly Sandy Clay Loam Extremely Gravelly Sandy Clay Loam	GC	A-2	0	10-30	30-55	25-50	10-40	10-35	30-40	10-20
	50-60	Very Gravelly Clay Loam Very Gravelly Loam Extremely Gravelly Loam	GC	A-2	0	15-40	15-55	15-50	10-40	10-35	25-35	10-15
1730: Graley	0-12	Very Gravelly Loam	GM	A-1 A-2	0	0-5	30-50	25-45	20-40	15-30	20-25	NP-5
	12-17	Very Gravelly Clay Very Gravelly Clay Loam	GC	A-2 A-7	0	0-25	40-55	35-50	30-50	25-40	45-55	20-30
	17-21	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Erakatak	0-4	Very Gravelly Loam	GC GC-GM	A-2	0	0-10	35-60	25-50	20-40	15-35	25-35	5-15
	4-19	Very Cobbly Clay Loam Very Cobbly Clay	CH CL GC	A-7	0-5	25-55	60-75	50-65	45-60	40-55	40-55	15-30
	19-32	Very Cobbly Clay	CH CL GC	A-7	0-5	25-55	60-75	50-65	45-60	40-55	45-65	20-35
	32-36	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Chen	0-7	Very Gravelly Loam	GC	A-2	0	0-15	50-65	35-50	30-45	25-35	30-35	10-15
	7-15	Very Gravelly Clay Extremely Gravelly Clay Very Cobbly Clay	GC	A-2 A-7	0-5	0-45	35-50	25-45	25-45	20-40	50-60	25-35
	15-19	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---

Distribution Generation Date:

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Table H. - Engineering Index Properties - Continued

Northwest Elko County Area, Nevada, Part Of Elko And Eureka Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
1730:												
1732: Graley	0-12	Very Stony Loam	GM	A-1 A-2	5-10	0-5	40-50	30-40	25-35	20-30	20-25	NP-5
	12-17	Very Gravelly Clay	GC	A-2	0-25	0-25	40-55	35-50	30-50	25-40	45-55	20-30
	17-21	Very Gravelly Clay Loam		A-7								
		Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Quarz	0-6	Very Gravelly Loam	GC	A-2	0	0-15	40-55	35-50	30-45	20-35	25-35	10-15
	6-21	Very Gravelly Clay	GC	A-2	0	0-25	30-55	25-50	20-45	15-40	45-60	20-30
		Very Gravelly Clay Loam		A-7								
	21-25	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Ninemile	0-4	Very Cobbly Loam	CL CL-ML	A-4	1-5	30-65	70-90	70-85	60-75	50-60	25-30	5-10
	4-19	Clay	CH	A-7	0	0-15	70-100	65-100	60-90	50-80	55-65	30-35
	19-23	Gravelly Clay										
		Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
1733: Graley	0-12	Very Stony Loam	GM	A-1 A-2	5-10	0-5	40-50	30-40	25-35	20-30	20-25	NP-5
	12-17	Very Gravelly Clay	GC	A-2	0-25	0-25	40-55	35-50	30-50	25-40	45-55	20-30
		Very Gravelly Clay Loam		A-7								
	17-21	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Loncan	0-17	Very Gravelly Loam	GC	A-2	0	10-15	40-60	30-45	25-40	20-35	30-35	10-15
	17-30	Very Gravelly Loam	GC	A-2	0-5	5-55	35-60	30-50	25-40	20-35	30-35	10-15
		Extremely Cobbly Loam										
		Very Gravelly Sandy Clay										
		Loam										
	30-34	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Northwest Elko County Area, Nevada, Part Of Elko And Eureka Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
1740: Erakatak	In											
	0-4	Very Gravelly Loam	GC	A-2	0	0-10	35-60	25-50	20-40	15-35	25-35	5-15
	4-19	Very Cobbly Clay Loam Very Cobbly Clay	GC-GM CH CL GC	A-7	0-5	25-55	60-75	50-65	45-60	40-55	40-55	15-30
	19-32	Very Cobbly Clay	CH CL GC	A-7	0-5	25-55	60-75	50-65	45-60	40-55	45-65	20-35
	32-36	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Cleavage	0-4	Extremely Gravelly Loam	GC	A-2	0	0-10	35-45	15-25	10-25	10-20	25-30	5-10
	4-18	Extremely Gravelly Clay Loam	GC-GM GC	A-2	0-5	0-45	40-55	30-45	25-45	20-35	30-45	10-20
		Very Gravelly Loam										
		Very Cobbly Clay Loam										
	18-22	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Hackwood	0-26	Silt Loam	CL	A-4	0	0	80-100	75-100	70-90	60-80	20-35	5-15
			CL-ML	A-6								
	26-34	Gravelly Loam	CL	A-4	0	0	60-80	50-75	40-70	35-65	25-35	5-15
		Gravelly Silt Loam	CL-ML GC	A-6								
			GC-GM SC-SM GC									
	34-60	Very Gravelly Clay Loam Very Gravelly Silty Clay Very Gravelly Loam	GC	A-2 A-6	0	0	40-60	35-50	30-45	25-40	35-40	15-20
Crooked Creek	---				---	---	---	---	---	---	---	---

1741:

Table H. - Engineering Index Properties - Continued

Northwest Elko County Area, Nevada, Part Of Elko And Eureka Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches Pct	3-10 Inches Pct	4	10	40	200		
1741: Erakatak	In											
	0-4	Very Gravelly Clay Loam	GC	A-2 A-6 A-7	0	0-5	35-60	25-50	20-45	15-40	35-45	15-20
	4-19	Very Cobbly Clay Loam Very Cobbly Clay	CH CL GC	A-7	0-5	25-55	60-75	50-65	45-60	40-55	40-55	15-30
	19-32	Very Cobbly Clay	CH CL GC	A-7	0-5	25-55	60-75	50-65	45-60	40-55	45-65	20-35
	32-36	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Chen	0-7	Very Gravelly Sandy Clay Loam	GC SC	A-2	0	0-15	50-65	35-50	30-40	15-25	30-35	10-15
	7-15	Very Gravelly Clay Extremely Gravelly Clay Very Cobbly Clay	GC	A-2 A-7	0-5	0-45	35-50	25-45	25-45	20-40	50-60	25-35
	15-19	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Tusk	0-14	Gravelly Loam	CL CL-ML GC GC-GM	A-4 A-6	0	0-5	60-80	50-75	40-70	35-65	20-35	5-15
	14-38	Gravelly Clay Loam	CL GC SC	A-6	0-5	0-15	65-80	60-75	55-70	40-55	35-40	15-20
	38-60	Very Gravelly Clay Loam Very Cobbly Loam Extremely Cobbly Loam	GC SC	A-2 A-6	0-5	15-45	30-75	25-60	20-50	15-40	25-40	10-20
Welch, Occasionally	---				---	---	---	---	---	---	---	---

1742:

Table H. - Engineering Index Properties - Continued

Northwest Elko County Area, Nevada, Part Of Elko And Eureka Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches Pct	3-10 Inches Pct	4	10	40	200		
			In									
1742: Erakatak	0-4	Gravelly Loam	CL CL-ML GC GC-GM	A-2 A-4 A-6	0	0-5	60-80	50-75	40-60	30-55	25-35	5-15
	4-19	Very Cobbly Clay Very Cobbly Clay Loam	CH CL GC	A-7	0-5	25-55	60-75	50-65	45-60	40-55	40-55	15-30
	19-32	Very Cobbly Clay	CH CL GC	A-7	0-5	25-55	60-75	50-65	45-60	40-55	45-65	20-35
	32-35	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
	35-45	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Rugar	0-2	Clay Loam	CL	A-6 A-7	0	0	80-100	75-95	65-90	55-75	35-45	15-20
	2-20	Clay Loam	CL	A-6 A-7	0	0	80-100	75-95	65-90	55-75	35-45	15-20
	20-43	Clay	CH CL	A-7	0	0-5	80-100	75-95	65-90	55-70	45-60	25-35
	43-47	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
Tusel	0-17	Very Gravelly Loam	GM	A-2	0	0-15	50-60	40-50	35-45	25-35	25-35	NP-10
	17-58	Extremely Gravelly Clay Loam Very Gravelly Clay Loam Extremely Gravelly Sandy Clay Loam	GC	A-2	0	15-45	30-50	25-40	20-35	15-30	30-40	10-20
	58-62	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
1744:												

Table H. - Engineering Index Properties - Continued

Northwest Elko County Area, Nevada, Part Of Elko And Eureka Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
1744: Erakatak	In											
	0-4	Very Gravelly Clay Loam	GC	A-2 A-6 A-7	0	0-5	35-60	25-50	20-45	15-40	35-45	15-20
	4-19	Very Cobbly Clay Loam Very Cobbly Clay	CH CL GC	A-7	0-5	25-55	60-75	50-65	45-60	40-55	40-55	15-30
	19-32	Very Cobbly Clay	CH CL GC	A-7	0-5	25-55	60-75	50-65	45-60	40-55	45-65	20-35
	32-36	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Graley	0-12	Very Gravelly Loam	GM	A-1 A-2	0	0-5	30-50	25-45	20-40	15-30	20-25	NP-5
	12-17	Very Gravelly Clay Loam Very Gravelly Clay	GC	A-2 A-7	0	0-25	40-55	35-50	30-50	25-40	45-55	20-30
	17-21	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Tusel	0-17	Very Gravelly Loam	GM	A-2	0	0-15	50-60	40-50	35-45	25-35	25-35	NP-10
	17-58	Very Gravelly Clay Loam Extremely Gravelly Sandy Clay Loam Extremely Gravelly Clay Loam	GC	A-2	0	15-45	30-50	25-40	20-35	15-30	30-40	10-20
	58-62	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
1746: Booford	0-10	Silt Loam	CL	A-6	0	0	90-100	85-100	55-95	50-95	25-35	10-15
	10-19	Silty Clay Loam Clay Loam Clay	MH ML	A-7	0	0	80-95	75-90	65-90	60-85	45-60	15-25
	19-36	Silty Clay Clay	MH	A-7	0	0	80-90	75-85	70-80	65-75	50-65	20-30
	36-46	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---

Distribution Generation Date:

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Table H. - Engineering Index Properties - Continued

Northwest Elko County Area, Nevada, Part Of Elko And Eureka Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
1746:	In											
Cotant	0-3	Gravelly Clay Loam	CL	A-6	0	0	60-85	50-70	40-65	35-60	35-45	15-20
	3-20	Clay	GC CH CL	A-7 A-7	0	0	90-100	75-100	60-100	50-95	45-65	25-40
	20-24	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
Blitzen	0-10	Gravelly Clay Loam	CL GC SC	A-2 A-6 A-7	0	0-10	60-80	55-75	40-60	30-55	35-45	15-20
	10-33	Very Gravelly Clay Very Gravelly Clay Loam	GC	A-2	0	0-10	35-55	30-50	25-40	20-35	45-65	20-35
	33-37	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
1800:												
Bregar	0-6	Very Gravelly Loam	GC GC-GM	A-2 A-4 A-6	0	10-20	55-70	40-55	35-50	25-40	25-35	5-15
	6-11	Very Gravelly Sandy Clay Loam	GC	A-2	0	5-45	40-50	25-35	20-30	10-25	35-45	15-25
	11-15	Extremely Cobbly Clay Very Gravelly Clay Loam Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Bregar	0-6	Very Gravelly Loam	GC GC-GM	A-2 A-4 A-6	0	10-20	55-70	40-55	35-50	25-40	25-35	5-15
	6-11	Extremely Cobbly Clay Very Gravelly Clay Loam Very Gravelly Sandy Clay Loam	GC	A-2	0	5-45	40-50	25-35	20-30	10-25	35-45	15-25
	11-15	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Northwest Elko County Area, Nevada, Part Of Elko And Eureka Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct					Pct	
1800: Carstump	In											
	0-14	Very Cobbly Loam	GC-GM	A-2	0	50-60	60-75	60-70	50-65	30-50	20-30	NP-10
	14-36	Very Cobbly Clay Very Gravelly Clay	GM GC	A-4 A-2	0	30-65	45-90	35-80	35-60	30-50	45-60	15-30
	36-40	Unweathered Bedrock	GM SC SM ---	A-7 ---	---	---	---	---	---	---	---	---
1802: Bregar	0-2	Very Gravelly Loam	GC GC-GM	A-2 A-4	0	10-20	55-70	40-55	35-50	25-40	25-35	5-15
	2-7	Very Gravelly Sandy Clay Loam	GC	A-6 A-2	0	5-45	40-50	25-35	20-30	10-25	35-45	15-25
	7-11	Extremely Cobbly Clay Very Gravelly Clay Loam Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Ninemile	0-4	Gravelly Loam	CL GC	A-6	0	0-5	60-85	55-75	50-70	35-60	30-35	10-15
	4-19	Clay Gravelly Clay	CH	A-7	0	0-15	70-100	65-100	60-90	50-80	50-65	25-35
	19-23	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Northwest Elko County Area, Nevada, Part Of Elko And Eureka Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
1802: Pequop	In											
	0-12	Gravelly Loam	CL-ML GC GC-GM	A-4	0	5-10	60-80	55-75	40-70	35-55	20-30	5-10
	12-50	Very Gravelly Sandy Clay Loam Extremely Gravelly Sandy Clay Loam Very Gravelly Clay Loam	GC GC	A-2	0	10-30	30-55	25-50	10-40	10-35	30-40	10-20
	50-60	Very Gravelly Loam Extremely Gravelly Loam	GC	A-2	0	15-40	15-55	15-50	10-40	10-35	25-35	10-15
1803: Bregar	0-2	Very Gravelly Sandy Loam	GM	A-1	0	0-5	45-60	35-50	20-40	10-20	20-25	NP-5
	2-7	Very Gravelly Clay Loam Very Gravelly Sandy Clay Loam Extremely Cobbly Clay	GC	A-2	0	5-45	40-50	25-35	20-30	10-25	35-45	15-25
	7-11	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Sumine	0-10	Very Gravelly Loam	GC GC-GM	A-2 A-4	0	10-15	50-65	45-60	40-50	30-40	20-30	5-10
	10-29	Very Gravelly Clay Loam Very Cobbly Clay Loam Very Gravelly Loam	GC	A-2 A-6 A-7	0-5	15-40	45-70	35-65	30-50	25-45	35-45	15-25
	29-33	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Rock Outcrop	---				---	---	---	---	---	---	---	---
1805:												

Table H. - Engineering Index Properties - Continued

Northwest Elko County Area, Nevada, Part Of Elko And Eureka Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
1805: Bregar	In											
	0-2	Extremely Cobbly Loam	GC	A-2	0	50-60	50-65	35-45	30-40	25-35	25-35	5-15
	2-11	Very Gravelly Clay Loam Extremely Gravelly Loam Extremely Cobbly Sandy Clay Loam	GC-GM GC	A-2	0-20	0-40	25-60	20-50	15-45	15-35	35-45	15-25
	11-15	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Deseed	0-4	Gravelly Loam	CL	A-4	0	5-15	70-85	65-80	55-70	50-60	25-35	5-15
	4-26	Gravelly Clay Loam Gravelly Clay	CL-ML CL GC	A-6 A-7	0	0-10	60-80	55-75	50-70	45-70	40-50	20-30
	26-30	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Linkup	0-3	Very Cobbly Loam	GC	A-2	0-5	30-45	50-75	45-70	35-60	25-50	20-30	5-10
	3-5	Cobbly Clay Loam Very Cobbly Clay Loam Cobbly Clay	GC-GM CL	A-4 A-6 A-7	0	25-45	80-100	75-90	70-80	55-70	35-50	15-25
	5-17	Clay Cobbly Clay	CH	A-7	0	0-40	90-100	85-100	75-90	70-80	50-60	25-35
	17-21	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
1810: Shively	0-9	Loam	ML	A-4	0	0-2	90-100	80-95	65-85	50-60	20-25	NP-5
	9-21	Fine Sandy Loam Loam	ML	A-4	0	0-5	80-100	75-100	65-85	50-60	20-25	NP-5
	21-41	Fine Sandy Loam Sandy Loam Sandy Clay Loam	CL-ML ML SC-SM SM	A-4	0	0-5	80-100	75-100	60-70	45-60	20-30	NP-10
	41-60	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Northwest Elko County Area, Nevada, Part Of Elko And Eureka Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct					Pct	
1810: Ninemile	In											
	0-4	Very Cobbly Loam	CL	A-4	1-5	30-65	70-90	70-85	60-75	50-60	25-30	5-10
	4-19	Clay	CL-ML CH	A-7	0	0-15	70-100	65-100	60-90	50-80	55-65	30-35
	19-23	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Hackwood	0-26	Silt Loam	CL	A-4	0	0	80-100	75-100	70-90	60-80	20-35	5-15
	26-34	Gravelly Loam	CL-ML CL	A-6 A-4	0	0	60-80	50-75	40-70	35-65	25-35	5-15
		Gravelly Silt Loam	CL-ML GC GC-GM SC-SM	A-6								
	34-60	Very Gravelly Loam Very Gravelly Clay Loam Very Gravelly Silty Clay	GC GC	A-2 A-6	0	0	40-60	35-50	30-45	25-40	35-40	15-20
1830: Vanwyper	0-10	Gravelly Loam	GC SC	A-6	0	0-5	55-75	50-70	45-65	35-50	25-35	10-15
	10-25	Very Cobbly Clay Very Cobbly Clay Loam	CH CL GC	A-7	0-10	25-55	55-75	50-65	45-60	40-55	40-60	20-40
	25-29	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Northwest Elko County Area, Nevada, Part Of Elko And Eureka Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
1830: Alyan	In											
	0-9	Gravelly Loam	CL CL-ML GC GC-GM	A-2 A-4 A-6	0	0-5	55-80	50-75	35-60	25-55	25-35	5-15
	9-16	Clay	CH CL	A-7	0	0-5	80-90	75-85	65-80	50-65	45-60	20-35
	16-28	Gravelly Clay	CH CL GC	A-7	0	0-5	55-80	50-75	40-65	35-55	45-60	20-35
	28-32	Very Gravelly Clay	GC	A-2 A-7	0	0-5	45-55	40-50	35-45	25-40	45-60	20-35
	32-36	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Vanwyper	0-10	Gravelly Loam	GC SC	A-6	0	0-5	55-75	50-70	45-65	35-50	25-35	10-15
	10-25	Very Cobbly Clay Loam Very Cobbly Clay	CH CL GC	A-7	0-10	25-55	55-75	50-65	45-60	40-55	40-60	20-40
	25-29	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
1831: Vanwyper	0-10	Cobbly Loam	CL	A-6	0	15-25	85-90	80-90	60-85	55-75	25-35	10-15
	10-25	Very Cobbly Clay Loam Very Cobbly Clay	CH CL GC	A-7	0-10	30-55	55-75	50-65	45-60	40-55	40-60	20-40
	25-29	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Northwest Elko County Area, Nevada, Part Of Elko And Eureka Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
1831: Trunk	In											
	0-5	Gravelly Loam	GC-GM GM SC-SM SM	A-4	0	0-5	55-80	50-75	45-70	35-50	20-30	NP-10
	5-23	Gravelly Clay Gravelly Clay Loam	CH CL GC	A-7	0	0-10	55-85	50-80	45-75	40-65	40-55	20-30
	23-27	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Vanwyper	0-10	Cobbly Loam	CL	A-6	0	15-25	85-90	80-90	60-85	55-75	25-35	10-15
	10-25	Very Cobbly Clay Loam Very Cobbly Clay	CH CL GC	A-7	0-10	30-55	55-75	50-65	45-60	40-55	40-60	20-40
	25-29	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
1832: Vanwyper	0-10	Very Cobbly Loam	SC	A-2 A-6	0-5	30-45	70-80	55-65	40-55	30-40	25-35	10-15
	10-25	Very Cobbly Clay Loam Very Cobbly Clay	CH CL GC	A-7	0-10	30-55	55-75	50-65	45-60	40-55	40-60	20-40
	25-29	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Trunk	0-5	Cobbly Clay Loam	CL	A-6 A-7	0	15-30	75-95	70-90	65-85	55-70	35-45	15-20
	5-23	Gravelly Clay Gravelly Clay Loam	CH CL GC	A-7	0	0-10	55-85	50-80	45-75	40-65	40-55	20-30
	23-27	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Northwest Elko County Area, Nevada, Part Of Elko And Eureka Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
1832: Trunk	In											
	0-5	Cobbly Clay Loam	CL	A-6 A-7	0	15-30	75-95	70-90	65-85	55-70	35-45	15-20
	5-23	Gravelly Clay Gravelly Clay Loam	CH CL GC	A-7	0	0-10	55-85	50-80	45-75	40-65	40-55	20-30
	23-27	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
1833: Vanwyper	0-10	Very Cobbly Loam	SC	A-2 A-6	0-5	30-45	70-80	55-65	40-55	30-40	25-35	10-15
	10-25	Very Cobbly Clay Loam Very Cobbly Clay	CH CL GC	A-7	0-10	30-55	55-75	50-65	45-60	40-55	40-60	20-40
	25-29	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Rock Outcrop	---				---	---	---	---	---	---	---	---
Trunk	0-5	Cobbly Loam	CL-ML ML	A-4	0	15-30	75-95	70-90	60-90	50-70	20-30	NP-10
	5-23	Gravelly Clay Gravelly Clay Loam	CH CL GC	A-7	0	0-10	55-85	50-80	45-75	40-65	40-55	20-30
	23-27	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
1852: Gumble	0-4	Fine Sandy Loam	SC SC-SM	A-2	0	0	85-95	75-85	65-75	25-30	25-30	5-10
	4-18	Clay	CH	A-7	0	0	85-100	75-90	70-85	60-70	50-65	25-40
	18-22	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Northwest Elko County Area, Nevada, Part Of Elko And Eureka Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct					Pct	
1852: Tuffo	In											
	0-6	Fine Sandy Loam	SM	A-2 A-4	0	0	80-95	75-90	60-80	30-45	15-20	NP-5
	6-13	Very Fine Sandy Loam Gravelly Sandy Loam Fine Sandy Loam	SM	A-2 A-4	0	0	65-95	60-90	55-80	30-50	15-20	NP-5
	13-17	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
Hunnton	0-3	Silt Loam	ML	A-4	0	0	95-100	85-100	75-100	60-75	20-35	NP-10
	3-6	Loam Clay Loam Silty Clay Loam	CL	A-6	0	0	95-100	90-100	75-95	60-90	30-35	10-15
	6-36	Gravelly Clay Clay	CH	A-7	0	0-5	75-100	60-95	60-95	55-85	50-60	25-35
	36-40	Indurated	---	---	---	---	---	---	---	---	---	---
1853: Gumble	0-4	Very Gravelly Sandy Loam	GC	A-1	0	5-15	50-60	40-50	25-35	15-25	25-30	5-10
	4-18	Clay Gravelly Clay	GC-GM CH	A-2 A-7	0	0-15	65-100	60-90	55-85	45-70	50-65	25-40
	18-28	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
Tuffo	0-6	Gravelly Sandy Loam	SM	A-1 A-2	0	0	65-80	60-75	35-50	20-30	15-20	NP-5
	6-13	Very Fine Sandy Loam Gravelly Sandy Loam Fine Sandy Loam	SM	A-2 A-4	0	0	65-95	60-90	55-80	30-50	15-20	NP-5
	13-17	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
Rock Outcrop	---				---	---	---	---	---	---	---	---
1854:												

Table H. - Engineering Index Properties - Continued

Northwest Elko County Area, Nevada, Part Of Elko And Eureka Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct					Pct	
1854: Gumble	0-4	Very Gravelly Sandy Loam	GC	A-1	0	5-15	50-60	40-50	25-35	15-25	25-30	5-10
	4-18	Gravelly Clay	GC-GM	A-2								
		Clay	CH	A-7	0	0-15	65-100	60-90	55-85	45-70	50-65	25-40
	18-28	Weathered Bedrock	GC									
Chen	0-7	Very Gravelly Loam	---	---	---	---	---	---	---	---	---	---
	7-15	Very Gravelly Clay	GC	A-2	0	0-15	50-65	35-50	30-45	25-35	30-35	10-15
		Extremely Gravelly Clay	GC	A-2	0-5	0-45	35-50	25-45	25-45	20-40	50-60	25-35
		Very Cobbly Clay		A-7								
1855: Gumble	15-19	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
	0-4	Gravelly Sandy Loam	SC	A-1	0	0-10	60-70	50-60	30-40	15-25	25-30	5-10
	4-18	Clay	SC-SM	A-2								
		Gravelly Clay	CH	A-7	0	0-15	65-100	60-90	55-85	45-70	50-65	25-40
Puett Variant	18-28	Weathered Bedrock	GC									
	0-2	Gravelly Loam	---	---	---	---	---	---	---	---	---	---
	2-17	Gravelly Loam	GM	A-4	0	0-10	65-80	60-75	60-70	45-55	20-25	NP-5
			ML									
Xeric Torriorthents	17-27	Unweathered Bedrock	GM	A-4	0	0-10	60-80	55-75	50-70	45-55	20-25	NP-5
			ML									
	0-3	Gravelly Fine Sandy Loam	---	---	---	---	---	---	---	---	---	---
			GM	A-1								
1870:			SM	A-2								
				A-4								
	3-7	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Northwest Elko County Area, Nevada, Part Of Elko And Eureka Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
1870: Chen	In											
	0-7	Very Gravelly Loam	GC	A-2	0	0-15	50-65	35-50	30-45	25-35	30-35	10-15
	7-15	Very Gravelly Clay Extremely Gravelly Clay Very Cobbly Clay	GC	A-2 A-7	0-5	0-45	35-50	25-45	25-45	20-40	50-60	25-35
	15-19	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Graley	0-12	Very Gravelly Loam	GM	A-1 A-2	0	0-5	30-50	25-45	20-40	15-30	20-25	NP-5
	12-17	Very Gravelly Clay Loam Very Gravelly Clay	GC	A-2 A-7	0	0-25	40-55	35-50	30-50	25-40	45-55	20-30
	17-21	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Quarz	0-6	Very Gravelly Loam	GC	A-2	0	0-15	40-55	35-50	30-45	20-35	25-35	10-15
	6-21	Very Gravelly Clay Very Gravelly Clay Loam	GC	A-2 A-7	0	0-25	30-55	25-50	20-45	15-40	45-60	20-30
	21-25	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
1871: Chen	0-7	Very Gravelly Loam	GC	A-2	0	0-15	50-65	35-50	30-45	25-35	30-35	10-15
	7-15	Very Gravelly Clay Extremely Gravelly Clay Very Cobbly Clay	GC	A-2 A-7	0-5	0-45	35-50	25-45	25-45	20-40	50-60	25-35
	15-19	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Cotant	0-3	Very Gravelly Loam	GC	A-2	0	0-5	50-60	35-50	30-45	25-35	30-35	10-15
	3-20	Clay	CH CL	A-7	0	0	90-100	75-100	60-100	50-95	45-65	25-40
	20-24	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Northwest Elko County Area, Nevada, Part Of Elko And Eureka Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
1871: Graley	In											
	0-12	Very Gravelly Loam	GM	A-1	0	0-5	30-50	25-45	20-40	15-30	20-25	NP-5
	12-17	Very Gravelly Clay Loam	GC	A-2	0	0-25	40-55	35-50	30-50	25-40	45-55	20-30
	17-21	Very Gravelly Clay Unweathered Bedrock	---	A-7 ---	---	---	---	---	---	---	---	---
Welch	---				---	---	---	---	---	---	---	---
1872: Chen												
	0-7	Very Gravelly Loam	GC	A-2	0	0-15	50-65	35-50	30-45	25-35	30-35	10-15
	7-15	Very Gravelly Clay Extremely Gravelly Clay Very Cobbly Clay	GC	A-2 A-7	0-5	0-45	35-50	25-45	25-45	20-40	50-60	25-35
	15-19	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Sumine												
	0-10	Very Gravelly Loam	GC	A-2	0	10-15	50-65	45-60	40-50	30-40	20-30	5-10
	10-29	Very Gravelly Loam Very Cobbly Clay Loam Very Gravelly Clay Loam	GC-GM GC	A-4 A-2 A-6 A-7	0-5	15-40	45-70	35-65	30-50	25-45	35-45	15-25
	29-33	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Tusel												
	0-17	Very Gravelly Loam	GM	A-2	0	0-15	50-60	40-50	35-45	25-35	25-35	NP-10
	17-58	Extremely Gravelly Sandy Clay Loam Extremely Gravelly Clay Loam Very Gravelly Clay Loam	GC	A-2	0	15-45	30-50	25-40	20-35	15-30	30-40	10-20
	58-62	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
1874:												

Table H. - Engineering Index Properties - Continued

Northwest Elko County Area, Nevada, Part Of Elko And Eureka Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
1874: Chen	In											
	0-7	Very Gravelly Loam	GC	A-2	0	0-15	50-65	35-50	30-45	25-35	30-35	10-15
	7-15	Very Gravelly Clay Extremely Gravelly Clay Very Cobbly Clay	GC	A-2 A-7	0-5	0-45	35-50	25-45	25-45	20-40	50-60	25-35
	15-19	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Quarz	0-6	Gravelly Clay Loam	CL GC	A-6 A-7	0	0-10	55-80	50-75	45-70	35-55	35-45	15-20
	6-21	Very Gravelly Clay Very Gravelly Clay Loam	GC	A-2 A-7	0	0-25	30-55	25-50	20-45	15-40	45-60	20-30
	21-25	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Arcia	0-15	Silt Loam	CL CL-ML	A-4 A-6	0	0	90-100	85-100	75-90	55-85	25-35	5-15
	15-21	Clay Loam Gravelly Clay Loam	CL	A-6 A-7	0	0-10	65-100	60-100	55-90	50-80	35-45	15-25
	21-39	Cobbly Clay Gravelly Clay Clay	CH CL GC	A-7	0	0-25	60-95	55-90	45-85	40-75	45-65	30-45
	39-43	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
1875: Chen	0-7	Very Gravelly Loam	GC	A-2	0	0-15	50-65	35-50	30-45	25-35	30-35	10-15
	7-15	Very Cobbly Clay Extremely Gravelly Clay Very Gravelly Clay	GC	A-2 A-7	0-5	0-45	35-50	25-45	25-45	20-40	50-60	25-35
	15-19	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Northwest Elko County Area, Nevada, Part Of Elko And Eureka Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
1875: Bregar	In											
	0-6	Extremely Gravelly Loam	GC	A-2	0	10-20	35-50	20-30	15-25	10-20	25-35	5-15
	6-11	Very Gravelly Sandy Clay Loam	GC-GM GC	A-2	0	5-45	40-50	25-35	20-30	10-25	35-45	15-25
		Extremely Cobbly Clay										
		Very Gravelly Clay Loam										
	11-15	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Ramires	0-5	Clay Loam	CL	A-6	0	0-10	90-100	75-90	70-90	65-80	35-40	15-20
	5-40	Gravelly Clay	CH	A-7	0	0-10	75-95	65-85	60-80	50-65	45-55	25-35
		Gravelly Clay Loam	CL									
	40-44	Clay										
		Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Crooked Creek	---				---	---	---	---	---	---	---	---
1876: Chen	0-7	Very Gravelly Loam	GC	A-2	0	0-15	50-65	35-50	30-45	25-35	30-35	10-15
	7-15	Very Cobbly Clay	GC	A-2	0-5	0-45	35-50	25-45	25-45	20-40	50-60	25-35
		Very Gravelly Clay		A-7								
		Extremely Gravelly Clay										
	15-19	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Chen	0-7	Very Gravelly Loam	GC	A-2	0	0-15	50-65	35-50	30-45	25-35	30-35	10-15
	7-15	Very Gravelly Clay	GC	A-2	0-5	0-45	35-50	25-45	25-45	20-40	50-60	25-35
		Extremely Gravelly Clay		A-7								
		Very Cobbly Clay										
	15-19	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Northwest Elko County Area, Nevada, Part Of Elko And Eureka Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
1876: Arcia	In											
	0-15	Silt Loam	CL CL-ML	A-4 A-6	0	0	90-100	85-100	75-90	55-85	25-35	5-15
	15-21	Gravelly Clay Loam	CL	A-6	0	0-10	65-100	60-100	55-90	50-80	35-45	15-25
	21-39	Clay Loam	CH	A-7	0	0-25	60-95	55-90	45-85	40-75	45-65	30-45
	39-43	Gravelly Clay Cobbly Clay Unweathered Bedrock	CL GC ---	A-7 ---	0 --- ---	0-25 --- ---	60-95 --- ---	55-90 --- ---	45-85 --- ---	40-75 --- ---	45-65 --- ---	30-45 --- ---
Crooked Creek, Frequently Flooded	---				---	---	---	---	---	---	---	---
1877: Chen	0-7	Very Cobbly Loam	GC GC-GM	A-2 A-4 A-6	0-10	45-55	55-65	50-60	45-55	30-40	25-35	5-15
	7-15	Very Gravelly Clay Very Cobbly Clay Extremely Cobbly Clay	GC	A-2	0-15	5-50	45-55	30-50	25-40	25-35	55-65	35-40
	15-19	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Bregar	0-2	Very Gravelly Sandy Loam	GM	A-1	0	0-5	45-60	35-50	20-40	10-20	20-25	NP-5
	2-7	Very Gravelly Clay Loam Very Gravelly Sandy Clay Loam	GC	A-2	0	5-45	40-50	25-35	20-30	10-25	35-45	15-25
	7-11	Extremely Cobbly Clay Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Northwest Elko County Area, Nevada, Part Of Elko And Eureka Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
1877: Loncan	In											
	0-17	Very Gravelly Loam	GC	A-2	0	10-15	40-60	30-45	25-40	20-35	30-35	10-15
	17-30	Very Gravelly Loam Extremely Cobbly Loam Very Gravelly Sandy Clay Loam	GC	A-2	0-5	5-55	35-60	30-50	25-40	20-35	30-35	10-15
	30-34	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
1880: Chen	0-7	Very Gravelly Loam	GC	A-2	0	0-15	50-65	35-50	30-45	25-35	30-35	10-15
	7-15	Very Gravelly Clay Extremely Gravelly Clay Very Cobbly Clay	GC	A-2 A-7	0-5	0-45	35-50	25-45	25-45	20-40	50-60	25-35
	15-19	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Blitzen	0-9	Very Gravelly Loam	GC	A-2	0	0-10	35-55	30-50	25-40	20-30	30-35	10-15
	9-33	Very Gravelly Clay Very Gravelly Clay Loam	GC	A-2	0	0-10	35-55	30-50	25-40	20-35	45-65	20-35
	33-43	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
Pequop	0-12	Gravelly Loam	CL-ML GC GC-GM	A-4	0	5-10	60-80	55-75	40-70	35-55	20-30	5-10
	12-50	Very Gravelly Sandy Clay Loam Extremely Gravelly Sandy Clay Loam	GC	A-2	0	10-30	30-55	25-50	10-40	10-35	30-40	10-20
	50-60	Very Gravelly Clay Loam Very Gravelly Loam Extremely Gravelly Loam	GC	A-2	0	15-40	15-55	15-50	10-40	10-35	25-35	10-15
1881:												

Table H. - Engineering Index Properties - Continued

Northwest Elko County Area, Nevada, Part Of Elko And Eureka Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
1881: Chen	In											
	0-7	Very Gravelly Loam	GC	A-2	0	0-15	50-65	35-50	30-45	25-35	30-35	10-15
	7-15	Very Gravelly Clay Extremely Gravelly Clay Very Cobbly Clay	GC	A-2 A-7	0-5	0-45	35-50	25-45	25-45	20-40	50-60	25-35
	15-19	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Blitzen	0-10	Gravelly Clay Loam	CL GC SC	A-2 A-6 A-7	0	0-10	60-80	55-75	40-60	30-55	35-45	15-20
	10-33	Very Gravelly Clay Loam Very Gravelly Clay	GC	A-2	0	0-10	35-55	30-50	25-40	20-35	45-65	20-35
	33-37	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
Loncan	0-17	Very Gravelly Loam	GC	A-2	0	10-15	40-60	30-45	25-40	20-35	30-35	10-15
	17-30	Very Gravelly Loam Extremely Cobbly Loam Very Gravelly Sandy Clay Loam	GC	A-2	0-5	5-55	35-60	30-50	25-40	20-35	30-35	10-15
	30-34	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Welch, Occasionally	---				---	---	---	---	---	---	---	---
1888: Chen	0-7	Cobbly Loam	SC SC-SM SM	A-4	0	20-25	80-90	60-80	55-70	40-50	25-35	5-10
	7-15	Extremely Gravelly Clay Very Gravelly Clay Very Cobbly Clay	GC	A-2	0	5-45	45-55	30-50	25-40	25-35	45-60	20-30
	15-19	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Northwest Elko County Area, Nevada, Part Of Elko And Eureka Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
1888: Pie Creek	In											
	0-5	Very Cobbly Loam	ML	A-4	0	40-50	85-95	60-90	55-80	50-60	25-30	NP-5
	5-16	Clay	CH	A-7	0	0	95-100	90-100	85-95	80-90	65-70	35-40
	16-23	Clay Loam	CL	A-7	0	0	95-100	90-100	80-90	70-80	45-50	20-25
	23-27	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Alyan	0-9	Gravelly Loam	CL CL-ML GC GC-GM	A-2 A-4 A-6	0	0-5	55-80	50-75	35-60	25-55	25-35	5-15
	9-16	Clay	CH	A-7	0	0-5	80-90	75-85	65-80	50-65	45-60	20-35
	16-28	Gravelly Clay	CL CH CL GC	A-7	0	0-5	55-80	50-75	40-65	35-55	45-60	20-35
	28-32	Very Gravelly Clay	GC	A-2 A-7	0	0-5	45-55	40-50	35-45	25-40	45-60	20-35
	32-36	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Crooked Creek	---				---	---	---	---	---	---	---	---
1889: Chen	0-7	Very Gravelly Loam	GC	A-2	0	0-15	50-65	35-50	30-45	25-35	30-35	10-15
	7-15	Very Cobbly Clay	GC	A-2	0-5	0-45	35-50	25-45	25-45	20-40	50-60	25-35
		Extremely Gravelly Clay		A-7								
	15-19	Very Gravelly Clay										
		Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Northwest Elko County Area, Nevada, Part Of Elko And Eureka Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
1889: Sumine	In											
	0-10	Very Gravelly Loam	GC	A-2	0	10-15	50-65	45-60	40-50	30-40	20-30	5-10
	10-29	Very Gravelly Clay Loam Very Cobbly Clay Loam Very Gravelly Loam	GC-GM GC	A-4 A-2 A-6 A-7	0-5	15-40	45-70	35-65	30-50	25-45	35-45	15-25
	29-33	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
1910: Mahala	0-5	Silt Loam	CL	A-4	0	0	95-100	90-100	85-95	70-80	25-35	5-10
	5-14	Clay Gravelly Clay	CL-ML ML CH	A-7	0	0	80-100	70-100	70-100	60-90	50-65	25-35
	14-26	Clay Loam Clay	CH CL	A-7	0	0	80-100	75-100	70-95	60-90	40-65	20-35
	26-30	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
Ramires	0-5	Clay Loam	CL	A-6	0	0-10	90-100	75-90	70-90	65-80	35-40	15-20
	5-40	Gravelly Clay Gravelly Clay Loam Clay	CH CL	A-7	0	0-10	75-95	65-85	60-80	50-65	45-55	25-35
	40-44	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
1920: Lerrow	0-9	Cobbly Loam	CL	A-6	0	30-40	80-95	75-90	65-75	45-55	30-35	10-15
	9-14	Clay Loam Gravelly Clay Loam	SC CL GC	A-7	0	0	55-90	50-85	45-80	35-65	40-50	20-25
	14-27	Clay Cobbly Clay Gravelly Clay	CH	A-7	0-5	10-25	75-95	65-85	60-75	55-70	50-60	25-35
	27-31	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---

Distribution Generation Date:

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Table H. - Engineering Index Properties - Continued

Northwest Elko County Area, Nevada, Part Of Elko And Eureka Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
1920:												
Chen	0-7	Very Cobbly Loam	GC GC-GM	A-2 A-4 A-6	0-10	45-55	55-65	50-60	45-55	30-40	25-35	5-15
	7-15	Very Gravelly Clay Very Cobbly Clay Extremely Cobbly Clay	GC	A-2	0-15	5-50	45-55	30-50	25-40	25-35	55-65	35-40
	15-19	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Cotant	0-3	Cobbly Loam	CL	A-6	0	15-30	80-90	70-80	60-70	50-60	25-35	10-15
	3-20	Clay	CH CL	A-7	0	0-5	90-100	75-100	60-95	50-85	45-65	25-40
	20-24	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
1921:												
Lerrow	0-9	Gravelly Loam	SC	A-6	0	0-10	70-80	60-75	55-65	40-50	30-35	10-15
	9-14	Gravelly Clay Loam	CL	A-7	0	0	55-90	50-85	45-80	35-65	40-50	20-25
		Clay Loam	GC									
	14-27	Clay Gravelly Clay Cobbly Clay	CH	A-7	0-5	10-25	75-95	65-85	60-75	55-70	50-60	25-35
	27-31	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
Quarz	0-6	Very Gravelly Loam	GC	A-2	0	0-15	40-55	35-50	30-45	20-35	25-35	10-15
	6-21	Very Gravelly Clay Very Gravelly Clay Loam	GC	A-2 A-7	0	0-25	30-55	25-50	20-45	15-40	45-60	20-30
	21-25	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Northwest Elko County Area, Nevada, Part Of Elko And Eureka Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct					Pct	
1921: Rugar	In											
	0-2	Loam	CL	A-4	0	0	80-100	75-95	60-85	50-70	25-35	5-15
	2-20	Clay Loam	CL-ML CL	A-6 A-6 A-7	0	0	80-100	75-95	65-90	55-75	35-45	15-20
	20-43	Clay	CH CL	A-7	0	0-5	80-100	75-95	65-90	55-70	45-60	25-35
	43-47	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
Crooked Creek	---				---	---	---	---	---	---	---	---
1931: Tweener	0-5	Very Cobbly Sandy Loam	GC-GM SC SC-SM	A-2	10-25	30-35	55-85	50-80	30-55	15-30	25-30	5-10
	5-8	Very Cobbly Clay Loam Very Cobbly Loam	GC SC	A-2 A-6 A-7	10-25	35-40	60-80	55-75	40-70	30-50	30-45	10-20
	8-18	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Cleavage	0-4	Very Gravelly Loam	GC GC-GM	A-2 A-4 A-6	0	0-10	50-70	30-50	25-45	20-40	25-35	5-15
	4-18	Very Cobbly Clay Loam Extremely Gravelly Clay Loam	GC	A-2	0-5	0-45	40-55	30-45	25-45	20-35	30-45	10-20
		Very Gravelly Loam										
	18-22	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Northwest Elko County Area, Nevada, Part Of Elko And Eureka Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
1931: Reluctan	In											
	0-9	Cobbly Loam	CL CL-ML SC-SM	A-4	0-5	10-30	80-90	70-90	60-85	40-70	20-30	5-10
	9-27	Gravelly Loam Gravelly Clay Loam	CL GC	A-6 A-7	0-5	0-15	65-85	60-75	55-75	40-60	35-45	15-20
	27-37	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
1932: Sumine												
	0-10	Very Gravelly Loam	GC GC-GM	A-2 A-4	0	10-15	50-65	45-60	40-50	30-40	20-30	5-10
	10-29	Very Gravelly Clay Loam Very Cobbly Clay Loam Very Gravelly Loam	GC	A-2 A-6 A-7	0-5	15-40	45-70	35-65	30-50	25-45	35-45	15-25
	29-33	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Tweener												
	0-5	Very Gravelly Sandy Loam	GC GC-GM	A-2	0	5-15	35-55	30-50	15-35	10-20	25-30	5-10
	5-8	Very Cobbly Loam Very Cobbly Clay Loam	GC SC	A-2 A-6 A-7	0-5	45-60	60-80	55-75	40-70	30-50	30-45	10-20
	8-12	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Cleavage												
	0-4	Very Gravelly Loam	GC GC-GM	A-2 A-4 A-6	0	0-10	50-70	30-50	25-45	20-40	25-35	5-15
	4-18	Very Gravelly Loam Very Cobbly Clay Loam Extremely Gravelly Clay Loam	GC	A-2	0-5	0-45	40-55	30-45	25-45	20-35	30-45	10-20
	18-22	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Welch, Occasionally	---				---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Northwest Elko County Area, Nevada, Part Of Elko And Eureka Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct					Pct	
1933: Tweener	In											
	0-5	Very Cobbly Sandy Loam	GC-GM SC SC-SM	A-2	10-25	30-35	55-85	50-80	30-55	15-30	25-30	5-10
	5-8	Very Cobbly Clay Loam Very Cobbly Loam	GC SC	A-2 A-6 A-7	10-25	35-40	60-80	55-75	40-70	30-50	30-45	10-20
	8-18	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Cleavage	0-4	Very Gravelly Loam	GC GC-GM	A-2 A-4 A-6	0	0-10	50-70	30-50	25-45	20-40	25-35	5-15
	4-18	Very Cobbly Clay Loam Very Gravelly Loam Extremely Gravelly Clay Loam	GC	A-2	0-5	0-45	40-55	30-45	25-45	20-35	30-45	10-20
	18-22	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Pequop	0-12	Gravelly Loam	CL-ML GC GC-GM	A-4	0	5-10	60-80	55-75	40-70	35-55	20-30	5-10
	12-50	Very Gravelly Sandy Clay Loam Extremely Gravelly Sandy Clay Loam	GC	A-2	0	10-30	30-55	25-50	10-40	10-35	30-40	10-20
	50-60	Very Gravelly Clay Loam Very Gravelly Loam Extremely Gravelly Loam	GC	A-2	0	15-40	15-55	15-50	10-40	10-35	25-35	10-15
1950:												

Table H. - Engineering Index Properties - Continued

Northwest Elko County Area, Nevada, Part Of Elko And Eureka Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
1950: Mcivey	0-16	Gravelly Silt Loam	CL GC SC	A-6	0	0-10	60-85	50-75	50-70	40-60	30-40	10-15
	16-29	Very Gravelly Clay Loam Gravelly Clay Loam	CL GC SC	A-7	0	0-10	55-85	45-75	40-70	35-55	40-45	15-20
	29-65	Very Gravelly Clay Very Cobbly Clay Extremely Cobbly Clay	GC	A-2 A-7	0	0-55	45-60	35-50	35-45	30-45	45-55	20-30
Mcivey	0-16	Very Cobbly Silt Loam	GC	A-6	0	25-50	50-70	45-65	40-60	35-50	30-40	10-15
	16-29	Very Gravelly Clay Loam Gravelly Clay Loam	CL GC SC	A-7	0	0-10	55-85	45-75	40-70	35-60	40-45	20-25
	29-65	Very Gravelly Clay Very Cobbly Clay Extremely Cobbly Clay	GC	A-2 A-7	0-25	10-55	45-60	35-50	35-45	30-45	45-55	30-35
Tusel	0-17	Very Gravelly Loam	GM	A-2	0	0-15	50-60	40-50	35-45	25-35	25-35	NP-10
	17-58	Extremely Gravelly Sandy Clay Loam Extremely Gravelly Clay Loam	GC	A-2	0	15-45	30-50	25-40	20-35	15-30	30-40	10-20
	58-62	Very Gravelly Clay Loam Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---

1980:

Table H. - Engineering Index Properties - Continued

Northwest Elko County Area, Nevada, Part Of Elko And Eureka Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct					Pct	
1980: Thwoop	0-4	Gravelly Silt Loam	CL CL-ML GC-GM	A-4	0	0-10	70-95	55-75	40-65	40-65	25-30	5-10
	4-10	Silt Loam	CL	A-6	0	0-10	90-95	85-90	50-75	50-75	30-35	10-15
	10-25	Very Gravelly Clay	GC	A-2	0	10-25	45-60	40-55	30-45	30-45	40-55	20-30
	25-27	Indurated	---	---	---	---	---	---	---	---	---	---
	27-37	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Trunk	0-5	Gravelly Loam	GC-GM GM SC-SM SM	A-4	0	0-5	55-80	50-75	45-70	35-50	20-30	NP-10
	5-23	Gravelly Clay Gravelly Clay Loam	CH CL GC	A-7	0	0-10	55-85	50-80	45-75	40-65	40-55	20-30
	23-27	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Pequop	0-12	Gravelly Loam	CL-ML GC GC-GM	A-4	0	5-10	60-80	55-75	40-70	35-55	20-30	5-10
	12-50	Very Gravelly Sandy Clay Loam Extremely Gravelly Sandy Clay Loam	GC	A-2	0	10-30	30-55	25-50	10-40	10-35	30-40	10-20
	50-60	Very Gravelly Clay Loam Very Gravelly Loam Extremely Gravelly Loam	GC	A-2	0	15-40	15-55	15-50	10-40	10-35	25-35	10-15

2000:

Table H. - Engineering Index Properties - Continued

Northwest Elko County Area, Nevada, Part Of Elko And Eureka Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches Pct	3-10 Inches Pct	4	10	40	200		
2000: Alyan	In											
	0-9	Cobbly Loam	CL	A-6	0-1	15-30	80-100	70-90	60-85	40-70	25-35	10-15
	9-16	Clay	SC CH	A-7	0	0-5	80-90	75-85	65-80	50-65	45-60	20-35
	16-28	Gravelly Clay	CL CH CL GC	A-7	0	0-5	55-80	50-75	40-65	35-55	45-60	20-35
	28-32	Very Gravelly Clay	GC	A-2 A-7	0	0-5	40-55	40-50	35-45	20-40	45-60	20-35
	32-36	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Cotant	0-3	Cobbly Loam	CL	A-6	0	15-30	80-90	70-80	60-70	50-60	25-35	10-15
	3-20	Clay	CH CL	A-7	0	0-5	90-100	75-100	60-95	50-85	45-65	25-40
	20-24	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
Akler	0-4	Loam	CL SC	A-6	0	0-10	80-90	75-85	65-80	45-65	30-35	10-15
	4-18	Clay	CH	A-7	0	0	80-100	75-100	65-90	50-70	55-70	30-45
	18-22	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
Welch, Frequently Flooded	---				---	---	---	---	---	---	---	---

2001:

Table H. - Engineering Index Properties - Continued

Northwest Elko County Area, Nevada, Part Of Elko And Eureka Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
2001: Alyan	0-9	Gravelly Loam	CL CL-ML GC GC-GM	A-2 A-4 A-6	0	0-5	55-80	50-75	35-60	25-55	25-35	5-15
	9-16	Clay	CH CL	A-7	0	0-5	80-90	75-85	65-80	50-65	45-60	20-35
	16-28	Gravelly Clay	CH CL GC	A-7	0	0-5	55-80	50-75	40-65	35-55	45-60	20-35
	28-32	Very Gravelly Clay	GC	A-2 A-7	0	0-5	45-55	40-50	35-45	25-40	45-60	20-35
	32-36	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Bregar	0-6	Very Gravelly Loam	GC GC-GM	A-2 A-4 A-6	0	10-20	55-70	40-55	35-50	25-40	25-35	5-15
	6-11	Very Gravelly Clay Loam Very Gravelly Sandy Clay Loam	GC	A-2	0	5-45	40-50	25-35	20-30	10-25	35-45	15-25
	11-15	Extremely Cobbly Clay Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Northwest Elko County Area, Nevada, Part Of Elko And Eureka Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
2001: Alyan	0-9	Gravelly Loam	CL CL-ML GC GC-GM	A-2 A-4 A-6	0	0-5	55-80	50-75	35-60	25-55	25-35	5-15
	9-16	Clay	CH CL	A-7	0	0-5	80-90	75-85	65-80	50-65	45-60	20-35
	16-28	Gravelly Clay	CH CL GC	A-7	0	0-5	55-80	50-75	40-65	35-55	45-60	20-35
	28-32	Very Gravelly Clay	GC	A-2 A-7	0	0-5	45-55	40-50	35-45	25-40	45-60	20-35
	32-36	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
2002: Alyan	0-9	Gravelly Clay Loam	CL GC	A-2 A-6 A-7	0	0-5	55-80	50-75	40-65	30-60	35-45	15-20
	9-16	Clay	CH CL	A-7	0	0-5	80-90	75-85	65-80	50-65	45-60	20-35
	16-28	Gravelly Clay	CH CL GC	A-7	0	0-5	55-80	50-75	40-65	35-55	45-60	20-35
	28-32	Very Gravelly Clay	GC	A-2 A-7	0	0-5	45-55	40-50	35-45	25-40	45-60	20-35
	32-36	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Northwest Elko County Area, Nevada, Part Of Elko And Eureka Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
2002: Alyan	In											
	0-9	Gravelly Clay Loam	CL GC	A-2 A-6 A-7	0	0-5	55-80	50-75	40-65	30-60	35-45	15-20
	9-16	Clay	CH CL	A-7	0	0-5	80-90	75-85	65-80	50-65	45-60	20-35
	16-28	Gravelly Clay	CH CL GC	A-7	0	0-5	55-80	50-75	40-65	35-55	45-60	20-35
	28-32	Very Gravelly Clay	GC	A-2 A-7	0	0-5	45-55	40-50	35-45	25-40	45-60	20-35
	32-36	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Quarz	0-6	Very Gravelly Loam	GC	A-2	0	0-15	40-55	35-50	30-45	20-35	25-35	10-15
	6-21	Very Gravelly Clay Very Gravelly Clay Loam	GC	A-2 A-7	0	0-25	30-55	25-50	20-45	15-40	45-60	20-30
	21-25	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
2003: Alyan	0-9	Very Gravelly Loam	GC	A-2	0	0-5	30-55	25-50	20-40	15-35	25-35	10-15
	9-16	Clay	CH CL	A-7	0	0-5	80-90	75-85	65-80	50-65	45-60	20-35
	16-28	Gravelly Clay	CH CL GC	A-7	0	0-5	55-80	50-75	40-65	35-55	45-60	20-35
	28-32	Very Gravelly Clay	GC	A-2 A-7	0	0-5	45-55	40-50	35-45	20-40	45-60	20-35
	32-42	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Northwest Elko County Area, Nevada, Part Of Elko And Eureka Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct					Pct	
2003: Deepeek	In											
	0-5	Very Cobbly Loam	GC	A-2	0-5	30-40	55-70	50-65	40-55	30-45	25-30	5-10
	5-18	Very Cobbly Loam Very Cobbly Silt Loam Very Cobbly Silty Clay	GC-GM GC	A-4 A-6	0-5	30-40	55-70	50-65	45-55	40-50	30-40	10-20
	18-24 24-42	Indurated Gravelly Silt Loam	--- CL-ML GC-GM GM ML	--- A-4	--- 0	--- 0	--- 55-80	--- 50-75	--- 45-70	--- 45-60	--- 20-30	--- NP-10
Susie Creek	0-10	Very Fine Sandy Loam	CL-ML ML	A-4	0	0	90-100	75-100	70-95	50-65	20-30	NP-10
	10-30	Clay Loam Clay	CH CL	A-7	0	0-10	90-100	85-100	70-100	70-95	40-60	20-30
	30-60	Clay Loam Loam	CL CL-ML	A-4 A-6	0	0-10	90-100	85-100	65-85	50-70	25-35	5-15
2004: Alyan	0-9	Cobbly Loam	CL SC	A-6	0-1	15-30	80-100	70-90	60-85	40-70	25-35	10-15
	9-16	Clay	CH CL	A-7	0	0-5	80-90	75-85	65-80	50-65	45-60	20-35
	16-28	Gravelly Clay	CH CL GC	A-7	0	0-5	55-80	50-75	40-65	35-55	45-60	20-35
	28-32	Very Gravelly Clay	GC	A-2 A-7	0	0-5	40-55	40-50	35-45	20-40	45-60	20-35
	32-36	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Northwest Elko County Area, Nevada, Part Of Elko And Eureka Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
2004: Ninemile	In											
	0-4	Gravelly Loam	CL GC	A-6	0	0-5	60-85	55-75	50-70	35-60	30-35	10-15
	4-19	Clay Gravelly Clay	CH	A-7	0	0-15	70-100	65-100	60-90	50-80	50-65	25-35
	19-23	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Alyan	0-9	Gravelly Loam	CL CL-ML GC GC-GM	A-2 A-4 A-6	0	0-5	55-80	50-75	35-60	25-55	25-35	5-15
	9-16	Clay	CH	A-7	0	0-5	80-90	75-85	65-80	50-65	45-60	20-35
	16-28	Gravelly Clay	CL CH CL GC	A-7	0	0-5	55-80	50-75	40-65	35-55	45-60	20-35
	28-32	Very Gravelly Clay	GC	A-2	0	0-5	45-55	40-50	35-45	25-40	45-60	20-35
	32-36	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Welch, Frequently Flooded	---				---	---	---	---	---	---	---	---
2005:												

Table H. - Engineering Index Properties - Continued

Northwest Elko County Area, Nevada, Part Of Elko And Eureka Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
2005: Alyan	0-9	Gravelly Loam	CL CL-ML GC GC-GM	A-2 A-4 A-6	0	0-5	55-80	50-75	35-60	25-55	25-35	5-15
	9-16	Clay	CH CL	A-7	0	0-5	80-90	75-85	65-80	50-65	45-60	20-35
	16-28	Gravelly Clay	CH CL GC	A-7	0	0-5	55-80	50-75	40-65	35-55	45-60	20-35
	28-32	Very Gravelly Clay	GC	A-2 A-7	0	0-5	45-55	40-50	35-45	25-40	45-60	20-35
	32-36	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Graley	0-12	Very Stony Loam	GM	A-1 A-2	5-10	0-5	40-50	30-40	25-35	20-30	20-25	NP-5
	12-17	Very Gravelly Clay Loam	GC	A-2 A-7	0-25	0-25	40-55	35-50	30-50	25-40	45-55	20-30
	17-21	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Rock Outcrop	---				---	---	---	---	---	---	---	---
2171: Deseed	0-4	Gravelly Loam	CL CL-ML	A-4 A-6	0	5-15	70-85	65-80	55-70	50-60	25-35	5-15
	4-26	Gravelly Clay Loam Gravelly Clay	CL GC	A-7	0	0-10	60-80	55-75	50-70	45-70	40-50	20-30
	26-30	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Northwest Elko County Area, Nevada, Part Of Elko And Eureka Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
2171: Reluctan	In											
	0-9	Gravelly Loam	CL-ML SC SC-SM	A-4	0	5-10	70-80	60-75	50-65	40-55	25-30	5-10
	9-27	Gravelly Clay Loam	CL	A-6	0	0-15	65-85	60-75	55-75	40-60	35-45	15-20
		Gravelly Loam	GC	A-7								
	27-31	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Cleavage	0-4	Very Gravelly Loam	GC GC-GM	A-2 A-4 A-6	0	0-10	50-70	30-50	25-45	20-40	25-35	5-15
	4-18	Extremely Gravelly Clay Loam	GC	A-2	0-5	0-45	40-55	30-45	25-45	20-35	30-45	10-20
		Very Gravelly Loam										
		Very Cobbly Clay Loam										
	18-22	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
2173: Deseed	0-4	Gravelly Loam	CL CL-ML	A-4 A-6	0	5-15	70-85	65-80	55-70	50-60	25-35	5-15
	4-26	Gravelly Clay Loam	CL	A-7	0	0-10	60-80	55-75	50-70	45-70	40-50	20-30
		Gravelly Clay	GC									
	26-30	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Quarz	0-6	Very Cobbly Loam	CL GC SC	A-6	0-10	25-50	60-85	55-80	50-70	35-60	25-35	10-20
	6-15	Very Cobbly Clay Loam	GC	A-2	0-10	10-40	35-60	30-55	25-50	20-40	35-45	15-25
		Very Gravelly Clay Loam		A-6 A-7								
	15-21	Very Gravelly Clay	GC	A-2	0-5	5-25	30-55	25-50	20-45	15-40	45-55	20-30
		Very Gravelly Clay Loam		A-7								
	21-25	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Northwest Elko County Area, Nevada, Part Of Elko And Eureka Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct					Pct	
2205: Coltroop	In											
	0-5	Very Fine Sandy Loam	SC SC-SM	A-4	0	0	90-100	75-100	70-90	40-50	25-30	5-10
	5-17	Silt Loam Silty Clay Loam	CL	A-6	0	0	85-100	75-100	65-95	60-85	30-40	10-15
	17-32 32-42	Indurated Unweathered Bedrock	--- ---	--- ---	--- ---	--- ---	--- ---	--- ---	--- ---	--- ---	--- ---	--- ---
Snowmore	0-4	Very Fine Sandy Loam	CL CL-ML	A-4	0	0-10	90-100	85-100	70-85	50-65	25-30	5-10
	4-13	Loam Clay Loam Sandy Clay Loam	CL	A-6	0	0-10	90-100	85-100	70-90	50-75	30-40	10-15
	13-22	Loam Gravelly Clay Loam Gravelly Loam	CL GC	A-6 A-7	0	0-10	70-100	60-100	50-80	40-75	35-45	15-25
	22-29	Indurated	---	---	---	---	---	---	---	---	---	---
	29-39	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
2206: Coltroop	0-5	Cobbly Very Fine Sandy Loam	CL CL-ML	A-4	0	15-25	90-100	85-95	75-85	55-65	20-25	5-10
	5-17	Silt Loam Silty Clay Loam	CL	A-6	0	0	85-100	75-100	65-95	60-85	30-40	10-15
	17-32	Indurated	---	---	---	---	---	---	---	---	---	---
	32-42	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Vanwyper	0-10	Very Stony Loam	CL	A-6	5-25	0-15	70-95	65-85	60-80	50-65	25-35	10-15
	10-25	Very Cobbly Clay Very Cobbly Clay Loam	CH CL GC	A-7	0-15	30-55	55-75	50-65	45-60	40-55	40-60	20-40
	25-29	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Northwest Elko County Area, Nevada, Part Of Elko And Eureka Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
2310: Bulake	In											
	0-7	Gravelly Loam	CL GC	A-6	0	0-10	60-80	55-75	50-75	40-60	25-35	10-15
	7-19	Clay Gravelly Clay	CH	A-7	0	0-10	60-95	55-90	55-85	50-80	50-60	30-40
	19-23	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Bulake	0-7	Very Cobbly Very Fine Sandy Loam	SC SC-SM	A-4	0	30-40	70-85	65-80	55-75	40-50	25-30	5-10
	7-19	Clay Gravelly Clay	CH	A-7	0	0-10	60-95	55-90	55-85	50-80	50-60	30-40
	19-23	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Deunah	0-9	Loam	CL CL-ML	A-4 A-6	0	0-10	95-100	95-100	80-100	70-90	20-35	5-15
	9-26	Clay	CH	A-7	0	0-10	95-100	95-100	90-100	85-95	60-80	30-45
	26-33 33-37	Indurated Unweathered Bedrock	--- ---	--- ---	--- ---	--- ---	--- ---	--- ---	--- ---	--- ---	--- ---	--- ---
2311: Bulake	0-7	Very Cobbly Very Fine Sandy Loam	SC SC-SM	A-4	0	30-40	70-85	65-80	55-75	40-50	25-30	5-10
	7-19	Clay Gravelly Clay	CH	A-7	0	0-10	60-95	55-90	55-85	50-80	50-60	30-40
	19-23	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Hatpeak	0-10	Loam	CL CL-ML	A-4 A-6	0	0	80-100	75-100	65-80	55-70	25-35	5-15
	10-30	Silty Clay Loam Silty Clay	CH CL	A-7	0	0-15	95-100	90-100	70-90	60-85	40-55	20-35
	30-60	Indurated	---	---	---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Northwest Elko County Area, Nevada, Part Of Elko And Eureka Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct					Pct	
2311: Petan	In											
	0-6	Very Stony Loam	CL	A-6	5-25	10-30	70-90	65-85	60-70	50-60	25-35	10-15
	6-19	Very Stony Clay Very Cobbly Clay	CH	A-7	20-45	15-40	65-85	60-80	55-75	50-70	50-65	25-40
	19-20 20-30	Indurated Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Cumulic Haplaquolls	---				---	---	---	---	---	---	---	---
2505: Buffaran	0-5	Very Fine Sandy Loam	CL CL-ML SC-SM	A-4	0	0	80-100	75-100	65-95	45-65	20-25	5-10
	5-18	Silty Clay Loam Clay Clay Loam	CH CL	A-7	0	0	80-95	75-90	70-90	65-85	40-55	15-30
	18-25	Indurated	---	---	---	---	---	---	---	---	---	---
	25-60	Cemented	---	---	---	---	---	---	---	---	---	---
Zevadez	0-10	Very Fine Sandy Loam	CL-ML ML SC-SM SM	A-4	0	0	85-100	75-100	65-95	40-65	20-30	NP-10
	10-19	Clay Loam Sandy Clay Loam Loam	CL SC	A-2 A-6	0	0	85-100	75-100	60-90	30-70	30-40	10-15
	19-60	Very Fine Sandy Loam	CL-ML ML SC-SM SM	A-4	0	0	85-100	75-100	65-95	40-65	20-30	NP-10
2511:												

Table H. - Engineering Index Properties - Continued

Northwest Elko County Area, Nevada, Part Of Elko And Eureka Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches Pct	3-10 Inches Pct	4	10	40	200		
2511: Bilbo	In											
	0-5	Extremely Stony Sandy	GM	A-1	15-20	25-30	40-50	35-45	20-40	10-20	---	NP
	5-40	Very Gravelly Sandy Clay Very Gravelly Clay Loam Very Gravelly Clay	GC	A-2 A-7	0-5	0-25	45-65	35-50	30-45	20-40	40-55	20-35
	40-60	Extremely Gravelly Loamy Sand Very Gravelly Sandy Loam	GM GP-GM	A-1	0	0-10	30-60	15-50	10-40	5-20	15-25	NP-5
Alley	0-7	Very Stony Loam	SM	A-4	15-25	10-15	80-90	65-80	50-60	35-45	25-30	NP-5
	7-20	Gravelly Loam Gravelly Sandy Clay Loam Gravelly Clay Loam	GC SC	A-6	0	0-10	65-80	55-75	50-65	35-50	30-35	15-20
	20-40	Gravelly Fine Sandy Loam Cobbly Fine Sandy Loam Gravelly Sandy Loam	GM SM	A-2 A-4	0-10	0-40	60-85	50-80	35-75	25-40	25-30	NP-5
	40-60	Very Cobbly Fine Sandy Loam	SM	A-2	0-15	30-45	70-75	60-70	45-55	25-35	25-30	NP-5
Deepeek	0-5	Very Cobbly Loam	GC GC-GM	A-2 A-4	0-5	30-40	55-70	50-65	40-55	30-45	25-30	5-10
	5-18	Very Cobbly Loam Very Cobbly Silt Loam Very Cobbly Silty Clay	GC	A-6	0-5	30-40	55-70	50-65	45-55	40-50	30-40	10-20
	18-24	Indurated	---	---	---	---	---	---	---	---	---	---
	24-42	Gravelly Silt Loam	CL-ML GC-GM GM ML	A-4	0	0	55-80	50-75	45-70	45-60	20-30	NP-10
2514:												

Table H. - Engineering Index Properties - Continued

Northwest Elko County Area, Nevada, Part Of Elko And Eureka Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct					Pct	
2514: Bilbo	In											
	0-5	Very Gravelly Very Fine Sandy Loam	GC GC-GM	A-2	0	0-10	40-65	30-50	25-50	10-35	20-30	5-10
	5-40	Very Gravelly Clay Very Gravelly Clay Loam Very Gravelly Sandy Clay	GC	A-2 A-7	0	0-25	45-65	35-50	30-45	20-40	40-55	20-35
	40-60	Extremely Gravelly Loamy Sand Very Gravelly Sandy Loam	GM GP-GM	A-1	0	0-10	30-60	15-50	10-40	5-20	15-25	NP-5
Susie Creek	0-10	Very Fine Sandy Loam	CL-ML ML	A-4	0	0	90-100	75-100	70-95	50-65	20-30	NP-10
	10-30	Clay Loam Clay	CH CL	A-7	0	0-10	90-100	85-100	70-100	70-95	40-60	20-30
	30-60	Loam Clay Loam	CL CL-ML	A-4 A-6	0	0-10	90-100	85-100	65-85	50-70	25-35	5-15
Buffaran	0-5	Very Fine Sandy Loam	CL CL-ML SC-SM	A-4	0	0	80-100	75-100	65-95	45-65	20-25	5-10
	5-18	Silty Clay Loam Clay Loam Clay	CH CL	A-7	0	0	80-95	75-90	70-90	65-85	40-55	15-30
	18-25	Indurated	---	---	---	---	---	---	---	---	---	---
	25-60	Cemented	---	---	---	---	---	---	---	---	---	---
2521:												

Table H. - Engineering Index Properties - Continued

Northwest Elko County Area, Nevada, Part Of Elko And Eureka Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct					Pct	
2521: Dewar	In											
	0-4	Very Cobbly Very Fine Sandy Loam	CL-ML SC SC-SM	A-4	0-5	40-50	70-95	65-80	55-75	40-55	25-30	5-10
	4-14	Cobbly Silty Clay Loam	CL	A-6 A-7	0-10	25-30	85-95	80-90	75-90	65-85	35-45	15-20
	14-19	Very Cobbly Silt Loam	GC	A-6	0-10	30-40	50-60	45-55	40-50	35-45	30-35	10-15
	19-32	Indurated	---	---	---	---	---	---	---	---	---	---
	32-60	Gravelly Sandy Loam	GM SM	A-1	0	0	55-65	50-60	30-40	15-25	20-25	NP-5
Chiara	0-6	Very Fine Sandy Loam	ML	A-4	0	0	95-100	90-100	85-95	70-80	25-35	NP-5
	6-17	Loam Silt Loam	ML	A-4	0	0	95-100	90-100	80-95	70-80	25-35	NP-5
	17-21	Very Fine Sandy Loam Indurated	---	---	---	---	---	---	---	---	---	---
Chiara	0-6	Very Cobbly Very Fine Sandy Loam	GC-GM GM SC-SM SM	A-4	0	30-45	60-85	55-80	50-75	35-50	20-30	NP-10
	6-17	Silt Loam Loam	CL-ML ML	A-4	0	0-10	95-100	90-100	80-90	70-80	20-30	NP-10
	17-21	Indurated	---	---	---	---	---	---	---	---	---	---
2522:												

Table H. - Engineering Index Properties - Continued

Northwest Elko County Area, Nevada, Part Of Elko And Eureka Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct					Pct	
2522: Dewar	In											
	0-4	Very Cobbly Very Fine Sandy Loam	CL-ML SC SC-SM	A-4	0-5	40-50	70-95	65-80	55-75	40-55	25-30	5-10
	4-14	Cobbly Silty Clay Loam	CL	A-6 A-7	0-10	25-30	85-95	80-90	75-90	65-85	35-45	15-20
	14-19	Very Cobbly Silt Loam	GC	A-6	0-10	30-40	50-60	45-55	40-50	35-45	30-35	10-15
	19-32	Indurated	---	---	---	---	---	---	---	---	---	---
	32-60	Gravelly Sandy Loam	GM SM	A-1	0	0	55-65	50-60	30-40	15-25	20-25	NP-5
Sodhouse	0-6	Cobbly Silt Loam	ML	A-4	0	25-30	75-85	70-80	65-80	60-70	20-25	NP-5
	6-19	Very Fine Sandy Loam	ML	A-4	0	0-5	85-100	80-100	60-90	50-60	20-25	NP-5
		Loam Silt Loam										
	19-25	Indurated	---	---	---	---	---	---	---	---	---	---
	25-60	Gravelly Sandy Loam	SM	A-2 A-4	0	0-10	65-80	60-75	50-65	25-40	15-25	NP-5
2531: Clurde Variant	0-13	Loam	CL	A-6	0	0	80-100	75-100	65-95	50-75	25-35	10-15
	13-19	Gravelly Sandy Clay Loam	GC SC	A-2 A-6	0	0	60-80	50-75	45-65	30-40	25-35	10-15
	19-32	Very Gravelly Sandy Loam	GM	A-1	0	0	30-55	25-50	15-35	10-20	15-25	NP-5
	32-42	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Northwest Elko County Area, Nevada, Part Of Elko And Eureka Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct					Pct	
2531: Clurde	In											
	0-6	Very Fine Sandy Loam	CL CL-ML SC-SM	A-4	0	0	80-100	75-100	65-95	45-65	25-30	5-10
	6-29	Sandy Clay Loam Silt Loam Loam	CL SC	A-6	0	0	80-100	75-100	65-90	40-55	30-40	10-20
	29-43	Coarse Sandy Loam	SC SC-SM	A-2 A-4	0	0	80-100	75-100	50-70	30-40	20-25	5-10
	43-60	Loamy Sand Gravelly Loamy Sand	SM	A-1 A-2	0	0	70-90	60-85	40-65	15-30	---	NP
Rock Outcrop	---				---	---	---	---	---	---	---	---
2541: Kelk	0-13	Very Fine Sandy Loam	CL CL-ML	A-4	0	0	100	100	90-95	65-75	25-30	5-10
	13-48	Silt Loam	CL CL-ML	A-4 A-6	0	0	95-100	95-100	95-100	85-95	25-35	5-15
	48-60	Silt Loam	CL CL-ML	A-4 A-6	0	0	95-100	90-100	90-100	80-95	25-35	5-15
2545: Kelk	0-13	Very Fine Sandy Loam	CL CL-ML	A-4	0	0	100	100	95-100	65-75	25-30	5-10
	13-48	Silt Loam	CL CL-ML	A-4 A-6	0	0	95-100	95-100	95-100	85-95	25-35	5-15
	48-60	Silt Loam	CL CL-ML	A-4 A-6	0	0	95-100	90-100	85-100	75-95	25-35	5-15

Table H. - Engineering Index Properties - Continued

Northwest Elko County Area, Nevada, Part Of Elko And Eureka Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct					Pct	
2545: Clurde	In											
	0-6	Very Fine Sandy Loam	CL CL-ML SC-SM	A-4	0	0	80-100	75-100	65-95	45-65	25-30	5-10
	6-29	Sandy Clay Loam Silt Loam Loam	CL SC	A-6	0	0	80-100	75-100	65-90	40-55	30-40	10-20
	29-43	Coarse Sandy Loam	SC SC-SM	A-2 A-4	0	0	80-100	75-100	50-70	30-40	20-25	5-10
	43-60	Gravelly Loamy Sand Loamy Sand	SM	A-1 A-2	0	0	70-90	60-85	40-65	15-30	---	NP
2555: Piline	0-12	Silty Clay Loam	CL	A-7	0	0	100	100	95-100	90-95	45-50	25-30
	12-60	Clay Loam Clay Silty Clay	CH CL	A-7	0	0	100	100	90-100	80-90	45-55	25-35
	---				---	---	---	---	---	---	---	---
Mccleary	---											
2560: Mccleary	0-4	Silt Loam	CL	A-6	0	0	80-100	75-100	70-100	65-90	30-35	10-15
	4-60	Clay Silty Clay	CH	A-7	0	0	80-100	75-100	70-100	65-95	50-60	25-35
Piline	---				---	---	---	---	---	---	---	---
2561: Mccleary	0-5	Cobbly Silt Loam	CL	A-6	0	15-30	80-95	75-90	70-90	65-80	30-35	10-15
	5-60	Clay	CH	A-7	0	0	80-100	75-100	70-100	55-80	50-60	25-35
Mccleary	---				---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Northwest Elko County Area, Nevada, Part Of Elko And Eureka Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct					Pct	
2571: Chiara	0-6	Very Fine Sandy Loam	ML	A-4	0	0	95-100	90-100	85-95	70-80	25-35	NP-5
	6-17	Very Fine Sandy Loam	ML	A-4	0	0	95-100	90-100	80-95	70-80	25-35	NP-5
	17-21	Silt Loam Indurated	---	---	---	---	---	---	---	---	---	---
Chiara	0-6	Cobbly Silt Loam	CL-ML ML	A-4	0	15-30	85-95	80-90	70-90	55-80	20-30	NP-10
	6-17	Silt Loam	CL-ML ML	A-4	0	0-10	95-100	90-100	80-90	70-80	20-30	NP-10
	17-21	Indurated	---	---	---	---	---	---	---	---	---	---
Chiara	0-6	Very Cobbly Very Fine Sandy Loam	GC-GM GM SC-SM SM	A-4	0	30-45	60-85	55-80	50-75	35-50	20-30	NP-10
	6-17	Silt Loam	CL-ML ML	A-4	0	0-10	95-100	90-100	80-90	70-80	20-30	NP-10
	17-21	Indurated	---	---	---	---	---	---	---	---	---	---
2572: Chiara	0-6	Very Fine Sandy Loam	ML	A-4	0	0	95-100	90-100	85-95	70-80	25-35	NP-5
	6-17	Silt Loam	ML	A-4	0	0	95-100	90-100	80-95	70-80	25-35	NP-5
	17-21	Loam Very Fine Sandy Loam Indurated	---	---	---	---	---	---	---	---	---	---
Chiara	0-4	Silt Loam	ML	A-4	0	0	95-100	90-100	85-95	70-80	25-35	NP-5
	4-14	Very Fine Sandy Loam	ML	A-4	0	0	95-100	90-100	80-95	70-80	25-35	NP-5
	14-18	Loam Silt Loam Indurated	---	---	---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Northwest Elko County Area, Nevada, Part Of Elko And Eureka Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
2572:	In											
2573: Chiara	0-6	Very Cobbly Very Fine Sandy Loam	GC-GM GM SC-SM SM	A-4	0	30-45	60-85	55-80	50-75	35-50	20-30	NP-10
	6-17	Silt Loam	CL-ML	A-4	0	0-10	95-100	90-100	80-90	70-80	20-30	NP-10
	17-21	Loam Indurated	ML ---	---	---	---	---	---	---	---	---	---
Chiara	0-6	Cobbly Silt Loam	CL-ML ML	A-4	0	15-30	85-95	80-90	70-90	55-80	20-30	NP-10
	6-17	Loam	CL-ML	A-4	0	0-10	95-100	90-100	80-90	70-80	20-30	NP-10
	17-21	Silt Loam Indurated	ML ---	---	---	---	---	---	---	---	---	---
2575: Chiara	0-6	Very Fine Sandy Loam	ML	A-4	0	0	95-100	90-100	85-95	70-80	25-35	NP-5
	6-17	Very Fine Sandy Loam	ML	A-4	0	0	95-100	90-100	80-95	70-80	25-35	NP-5
	17-21	Loam Indurated	---	---	---	---	---	---	---	---	---	---
Dacker	0-6	Very Fine Sandy Loam	CL-ML ML	A-4	0	0-5	90-100	85-100	70-90	50-70	20-30	NP-10
	6-25	Silty Clay Loam	CL	A-6	0	0-5	75-100	70-90	65-90	60-85	35-40	15-20
	25-32	Gravelly Silty Clay Loam	CL	A-6	0	0-5	55-100	50-90	45-90	40-85	35-40	15-20
	32-60	Silt Loam Gravelly Silt Loam Silty Clay Loam Indurated	GC ---	---	---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Northwest Elko County Area, Nevada, Part Of Elko And Eureka Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct					Pct	
2575: Shalake	In											
	0-8	Very Fine Sandy Loam	ML SM	A-4	0	0	80-100	75-100	65-90	40-55	20-30	NP-5
	8-25	Gravelly Loam Gravelly Silt Loam	GM SM	A-4	0	0	55-80	50-75	40-60	35-50	20-30	NP-5
	25-60	Indurated	---	---	---	---	---	---	---	---	---	---
2577: Chiara	0-6	Very Fine Sandy Loam	ML	A-4	0	0	95-100	90-100	85-95	70-80	25-35	NP-5
	6-17	Very Fine Sandy Loam Loam Silt Loam	ML	A-4	0	0	95-100	90-100	80-95	70-80	25-35	NP-5
	17-21	Indurated	---	---	---	---	---	---	---	---	---	---
Orovada	0-5	Very Fine Sandy Loam	ML	A-4	0	0	95-100	90-100	80-95	60-75	20-30	NP-5
	5-29	Fine Sandy Loam Loam	ML SM	A-4	0	0	75-100	75-100	60-80	40-60	20-30	NP-5
	29-60	Stratified Fine Sandy Loam To Silt Loam	ML SM	A-4	0	0	75-100	75-100	60-85	35-55	20-30	NP-5
2600: Shalake	0-8	Very Fine Sandy Loam	ML SM	A-4	0	0	80-100	75-100	65-90	40-55	20-30	NP-5
	8-25	Gravelly Loam Gravelly Silt Loam	GM SM	A-4	0	0	55-80	50-75	40-60	35-50	20-30	NP-5
	25-60	Indurated	---	---	---	---	---	---	---	---	---	---
Chiara	0-6	Very Fine Sandy Loam	ML	A-4	0	0	95-100	90-100	85-95	70-80	25-35	NP-5
	6-17	Very Fine Sandy Loam Loam Silt Loam	ML	A-4	0	0	95-100	90-100	80-95	70-80	25-35	NP-5
	17-21	Indurated	---	---	---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Northwest Elko County Area, Nevada, Part Of Elko And Eureka Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
2600: Shalake	In											
	0-8	Very Fine Sandy Loam	ML SM	A-4	0	0	80-100	75-100	65-90	40-55	20-30	NP-5
	8-25	Gravelly Silt Loam Gravelly Loam	GM SM	A-4	0	0	55-80	50-75	40-60	35-50	20-30	NP-5
	25-60	Indurated	---	---	---	---	---	---	---	---	---	---
2611: Dacker	0-6	Silt Loam	CL CL-ML ML	A-4	0	0-5	90-100	85-100	75-100	60-90	25-35	5-10
	6-25	Silty Clay Loam Gravelly Silty Clay Loam	CL	A-6	0	0-5	75-100	70-90	65-90	60-85	35-40	15-20
	25-32	Silt Loam Silty Clay Loam Gravelly Silt Loam	CL GC	A-6	0	0-5	55-100	50-90	45-90	40-85	35-40	15-20
	32-60	Indurated	---	---	---	---	---	---	---	---	---	---
Hunnton	0-3	Silt Loam	ML	A-4	0	0	95-100	85-100	75-100	60-75	20-35	NP-10
	3-6	Clay Loam Silty Clay Loam Loam	CL	A-6	0	0	95-100	90-100	75-95	60-90	30-35	10-15
	6-36	Gravelly Clay Clay	CH	A-7	0	0-5	75-100	60-95	60-95	55-85	50-60	25-35
	36-40	Indurated	---	---	---	---	---	---	---	---	---	---
2612:												

Table H. - Engineering Index Properties - Continued

Northwest Elko County Area, Nevada, Part Of Elko And Eureka Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct					Pct	
2612: Dacker	In											
	0-6	Very Fine Sandy Loam	CL-ML ML	A-4	0	0-5	90-100	85-100	70-90	50-70	20-30	NP-10
	6-25	Silty Clay Loam Gravelly Silty Clay Loam	CL	A-6	0	0-5	75-100	70-90	65-90	60-85	35-40	15-20
	25-32	Silt Loam Silty Clay Loam Gravelly Silt Loam	CL GC	A-6	0	0-5	55-100	50-90	45-90	40-85	35-40	15-20
	32-60	Indurated	---	---	---	---	---	---	---	---	---	---
Zevadez	0-10	Very Fine Sandy Loam	CL-ML ML SC-SM SM	A-4	0	0	85-100	75-100	65-95	40-65	20-30	NP-10
	10-19	Loam Sandy Clay Loam Clay Loam	CL SC	A-2 A-6	0	0	85-100	75-100	60-90	30-70	30-40	10-15
	19-60	Very Fine Sandy Loam	CL-ML ML SC-SM SM	A-4	0	0	85-100	75-100	65-95	40-65	20-30	NP-10
2615: Dacker	0-6	Very Fine Sandy Loam	CL-ML ML	A-4	0	0-5	90-100	85-100	70-90	50-70	20-30	NP-10
	6-25	Silty Clay Loam Gravelly Silty Clay Loam	CL	A-6	0	0-5	75-100	70-90	65-90	60-85	35-40	15-20
	25-32	Silt Loam Silty Clay Loam Gravelly Silt Loam	CL GC	A-6	0	0-5	55-100	50-90	45-90	40-85	35-40	15-20
	32-60	Indurated	---	---	---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Northwest Elko County Area, Nevada, Part Of Elko And Eureka Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
2615: Chiara	In											
	0-6	Very Fine Sandy Loam	ML	A-4	0	0	95-100	90-100	85-95	70-80	25-35	NP-5
	6-17	Very Fine Sandy Loam	ML	A-4	0	0	95-100	90-100	80-95	70-80	25-35	NP-5
	17-21	Loam Silt Loam Indurated	---	---	---	---	---	---	---	---	---	---
2621: Gochea	0-9	Gravelly Loam	GC-GM GM SC-SM	A-2 A-4	0	0	55-80	50-75	30-55	25-50	20-30	NP-10
	9-25	Gravelly Clay Loam Gravelly Sandy Clay Loam Clay Loam	CL GC SC	A-6 A-7	0	0	60-95	50-90	45-85	35-65	30-45	10-20
	25-30	Sandy Loam Gravelly Loam	GM ML SM	A-2 A-4	0	0	60-95	55-90	35-75	25-55	20-25	NP-5
	30-60	Very Gravelly Sand Extremely Gravelly Sand	GP	A-1	0	0	25-50	15-35	10-20	0-5	---	NP
	0-14	Very Cobbly Loam	GC-GM GM	A-2 A-4	0	50-60	60-75	60-70	50-65	30-50	20-30	NP-10
	14-36	Very Cobbly Clay Very Gravelly Clay	GC GM SC SM	A-2 A-7	0	30-65	45-90	35-80	35-60	30-50	45-60	15-30
	36-40	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Susie Creek	0-10	Loam	CL	A-6	0	0	90-100	75-100	70-95	55-75	30-35	10-15
	10-30	Clay Loam Clay	CH CL	A-7	0	0-10	90-100	85-100	70-100	70-95	40-60	20-30
	30-60	Loam Clay Loam	CL CL-ML	A-4 A-6	0	0-10	90-100	85-100	65-85	50-70	25-35	5-15

Distribution Generation Date:

Table H. - Engineering Index Properties - Continued

Northwest Elko County Area, Nevada, Part Of Elko And Eureka Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
2621:	In											
2641: Olac	0-4	Very Stony Loam	GC	A-2	5-25	5-20	40-60	35-55	25-40	20-30	25-30	10-15
	4-14	Extremely Gravelly Clay Loam	GC	A-2	5-10	10-20	30-45	20-35	15-30	10-25	30-40	15-20
	14-18	Extremely Gravelly Loam Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Snowmore	0-4	Very Fine Sandy Loam	CL CL-ML	A-4	0	0-10	90-100	85-100	70-85	50-65	25-30	5-10
	4-13	Loam Clay Loam Sandy Clay Loam	CL	A-6	0	0-10	90-100	85-100	70-90	50-75	30-40	10-15
	13-22	Loam Gravelly Loam Gravelly Clay Loam	CL GC	A-6 A-7	0	0-10	70-100	60-100	50-80	40-75	35-45	15-25
	22-29	Indurated	---	---	---	---	---	---	---	---	---	---
	29-39	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
2650: Wieland	0-4	Gravelly Loam	CL GC SC	A-6	0	0-5	60-85	50-75	45-70	35-60	25-35	10-15
	4-30	Gravelly Clay Clay	CH SC	A-7	0	0-5	75-95	50-90	50-80	45-75	50-60	25-35
	30-60	Gravelly Sandy Loam Loam Gravelly Loam	CL-ML SC SC-SM	A-2 A-4	0	0-5	65-95	55-90	40-85	25-70	20-30	5-10

Table H. - Engineering Index Properties - Continued

Northwest Elko County Area, Nevada, Part Of Elko And Eureka Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct					Pct	
2650: Bartome	0-7	Very Fine Sandy Loam	CL-ML ML SC-SM SM	A-4	0	0	80-100	75-100	65-95	45-65	20-30	NP-10
	7-14	Silty Clay Loam	CL	A-6	0	0	80-100	75-100	70-90	65-85	35-40	15-20
	14-28	Indurated	---	---	---	---	---	---	---	---	---	---
	28-42	Cemented	---	---	---	---	---	---	---	---	---	---
Zevadez	0-10	Very Fine Sandy Loam	CL-ML ML SC-SM SM	A-4	0	0	85-100	75-100	65-95	40-65	20-30	NP-10
	10-19	Loam Clay Loam Sandy Clay Loam	CL SC	A-2 A-6	0	0	85-100	75-100	60-90	30-70	30-40	10-15
	19-60	Very Fine Sandy Loam	CL-ML ML SC-SM SM	A-4	0	0	85-100	75-100	65-95	40-65	20-30	NP-10
2651: Wieland	0-4	Loam	CL-ML ML	A-4	0	0	90-100	75-100	70-90	50-75	20-30	NP-10
	4-30	Gravelly Clay Clay	CH SC	A-7	0	0-5	75-95	55-90	50-80	45-75	50-60	25-35
	30-60	Loam Gravelly Loam Gravelly Sandy Loam	CL-ML SC SC-SM	A-2 A-4	0	0-5	65-95	55-90	40-85	25-70	20-30	5-10

Table H. - Engineering Index Properties - Continued

Northwest Elko County Area, Nevada, Part Of Elko And Eureka Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct					Pct	
2651: Buffaran	In											
	0-5	Very Fine Sandy Loam	CL CL-ML SC-SM	A-4	0	0	80-100	75-100	65-95	45-65	20-25	5-10
	5-18	Silty Clay Loam Clay Clay Loam	CH CL	A-7	0	0	80-95	75-90	70-90	65-85	40-55	15-30
	18-25 25-60	Indurated Cemented	--- ---	--- ---	--- ---	--- ---	--- ---	--- ---	--- ---	--- ---	--- ---	---
2652: Dacker	0-6	Silt Loam	CL CL-ML ML	A-4	0	0-5	90-100	85-100	75-100	60-90	25-35	5-10
	6-25	Silty Clay Loam Gravelly Silty Clay Loam	CL	A-6	0	0-5	75-100	70-90	65-90	60-85	35-40	15-20
	25-32	Silt Loam Silty Clay Loam Gravelly Silt Loam	CL GC	A-6	0	0-5	55-100	50-90	45-90	40-85	35-40	15-20
	32-60	Indurated	---	---	---	---	---	---	---	---	---	---
Wieland	0-4	Loam	CL-ML ML	A-4	0	0	90-100	75-100	70-90	50-75	20-30	NP-10
	4-30	Gravelly Clay Clay	CH SC	A-7	0	0-5	75-95	55-90	50-80	45-75	50-60	25-35
	30-60	Gravelly Loam Gravelly Sandy Loam Loam	CL-ML SC SC-SM	A-2 A-4	0	0-5	65-95	55-90	40-85	25-70	20-30	5-10

Table H. - Engineering Index Properties - Continued

Northwest Elko County Area, Nevada, Part Of Elko And Eureka Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
2652: Zevadez	In											
	0-10	Very Fine Sandy Loam	CL-ML ML SC-SM	A-4	0	0	85-100	75-100	65-95	40-65	20-30	NP-10
	10-19	Loam Clay Loam Sandy Clay Loam	SM CL SC	A-2 A-6	0	0	85-100	75-100	60-90	30-70	30-40	10-15
	19-60	Very Fine Sandy Loam	CL-ML ML SC-SM SM	A-4	0	0	85-100	75-100	65-95	40-65	20-30	NP-10
2655: Wieland	0-4	Loam	CL-ML ML	A-4	0	0	90-100	75-100	70-90	50-75	20-30	NP-10
	4-30	Clay Gravelly Clay	CH SC	A-7	0	0-5	75-95	55-90	50-80	45-75	50-60	25-35
	30-60	Loam Gravelly Loam Gravelly Sandy Loam	CL-ML SC SC-SM	A-2 A-4	0	0-5	65-95	55-90	40-85	25-70	20-30	5-10
Gumble	0-4	Gravelly Sandy Loam	SC SC-SM	A-1 A-2	0	0-10	60-70	50-60	30-40	15-25	25-30	5-10
	4-18	Clay Gravelly Clay	CH GC	A-7	0	0-15	65-100	60-90	55-85	45-70	50-65	25-40
	18-28	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Northwest Elko County Area, Nevada, Part Of Elko And Eureka Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
2655: Bilbo	In											
	0-5	Gravelly Loam	CL CL-ML GC GC-GM SC	A-4 A-6	0	0-10	65-90	55-75	50-70	40-55	25-35	5-15
	5-40	Very Gravelly Clay Very Gravelly Clay Loam Very Gravelly Sandy Clay	GC	A-2 A-7	0	0-25	45-65	35-50	30-45	20-40	40-55	20-35
	40-60	Extremely Gravelly Loamy Sand Very Gravelly Sandy Loam	GM GP-GM	A-1	0	0-10	30-60	15-50	10-40	5-20	15-25	NP-5
2656: Wieland	0-4	Loam	CL-ML ML	A-4	0	0	90-100	75-100	70-90	50-75	20-30	NP-10
	4-30	Gravelly Clay Clay	CH SC	A-7	0	0-5	75-95	55-90	50-80	45-75	50-60	25-35
	30-60	Loam Gravelly Loam Gravelly Sandy Loam	CL-ML SC SC-SM	A-2 A-4	0	0-5	65-95	55-90	40-85	25-70	20-30	5-10
Hunnton	0-3	Silt Loam	ML	A-4	0	0	95-100	85-100	75-100	60-75	20-35	NP-10
	3-6	Clay Loam Silty Clay Loam Loam	CL	A-6	0	0	95-100	90-100	75-95	60-90	30-35	10-15
	6-36	Gravelly Clay Clay	CH	A-7	0	0-5	75-100	60-95	60-95	55-85	50-60	25-35
	36-40	Indurated	---	---	---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Northwest Elko County Area, Nevada, Part Of Elko And Eureka Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct					Pct	
2656: Thwoop	0-4	Gravelly Silt Loam	CL CL-ML GC-GM	A-4	0	0-10	70-95	55-75	40-65	40-65	25-30	5-10
	4-10	Silt Loam	CL	A-6	0	0-10	90-95	85-90	50-75	50-75	30-35	10-15
	10-25	Very Gravelly Clay	GC	A-2	0	10-25	45-60	40-55	30-45	30-45	40-55	20-30
	25-27	Very Gravelly Clay Loam		A-7								
	25-27	Indurated	---	---	---	---	---	---	---	---	---	---
	27-37	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
2658: Wieland	0-5	Very Gravelly Loam	GC SC	A-2 A-6	0	0-5	40-80	25-50	20-45	15-40	25-35	10-15
	5-26	Clay	CH	A-7	0	0-5	75-95	50-90	50-80	45-75	50-60	25-35
	26-52	Gravelly Clay	SC									
	26-52	Gravelly Clay Loam	GC	A-2	0	0-5	60-85	50-70	40-70	25-50	35-40	15-20
	52-60	Gravelly Sandy Clay Loam	SC	A-6								
	52-60	Loam	CL-ML	A-2	0	0-5	65-95	55-90	40-85	25-70	20-30	5-10
2666: Puett	0-3	Gravelly Loam	SC	A-4								
	3-10	Gravelly Sandy Loam	SC-SM									
	3-10	Fine Sandy Loam	SM	A-4	0	0	90-100	85-95	60-80	35-50	---	NP
	3-10	Coarse Sandy Loam	ML	A-1	0	0	80-100	75-95	40-80	15-55	---	NP
	10-14	Fine Sandy Loam	SM	A-2								
	10-14	Sandy Loam		A-4								
Orovada	0-5	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
	0-5	Very Fine Sandy Loam	ML	A-4	0	0	95-100	90-100	80-95	60-75	20-30	NP-5
	5-29	Loam	ML	A-4	0	0	75-100	75-100	60-80	40-60	20-30	NP-5
	29-60	Fine Sandy Loam	SM									
	29-60	Stratified Fine Sandy Loam	ML	A-4	0	0	75-100	75-100	60-85	35-55	20-30	NP-5
	29-60	To Silt Loam	SM									

Table H. - Engineering Index Properties - Continued

Northwest Elko County Area, Nevada, Part Of Elko And Eureka Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
2666:	In											
2667: Puett	0-3	Gravelly Loam	GC-GM SC	A-4	0	0-5	65-85	55-75	50-70	35-50	20-30	5-10
	3-10	Coarse Sandy Loam Gravelly Loam	SC-SM GM ML	A-1 A-2	0	0	55-95	50-90	30-80	15-55	---	NP
	10-14	Sandy Loam Weathered Bedrock	SM ---	A-4 ---	---	---	---	---	---	---	---	---
Rock Outcrop	---				---	---	---	---	---	---	---	---
Clurde	0-6	Very Fine Sandy Loam	CL CL-ML SC-SM	A-4	0	0	80-100	75-100	65-95	45-65	25-30	5-10
	6-29	Sandy Clay Loam Silt Loam Loam	CL SC	A-6	0	0	80-100	75-100	65-90	40-55	30-40	10-20
	29-43	Coarse Sandy Loam	SC SC-SM	A-2 A-4	0	0	80-100	75-100	50-70	30-40	20-25	5-10
	43-60	Gravelly Loamy Sand Loamy Sand	SM ---	A-1 A-2	0	0	70-90	60-85	40-65	15-30	---	NP
2668: Puett	0-3	Gravelly Loam	GC-GM SC SC-SM	A-4	0	0-5	65-85	55-75	50-70	35-50	20-30	5-10
	3-10	Coarse Sandy Loam Gravelly Loam	GM ML	A-1 A-2	0	0	55-95	50-90	30-80	15-55	---	NP
	10-14	Sandy Loam Weathered Bedrock	SM ---	A-4 ---	---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Northwest Elko County Area, Nevada, Part Of Elko And Eureka Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
2668: Yuko	In											
	0-4	Sandy Loam	SC-SM SM	A-2 A-4	0	0	80-100	75-100	55-70	30-40	20-30	NP-10
	4-14	Silt Loam Clay Loam	CL	A-6 A-7	0-5	0-5	90-100	80-100	75-95	70-85	35-45	15-25
	14-18	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
Zevadez	0-10	Very Fine Sandy Loam	CL-ML ML SC-SM SM	A-4	0	0	85-100	75-100	65-95	40-65	20-30	NP-10
	10-19	Sandy Clay Loam Loam Clay Loam	CL SC	A-2 A-6	0	0	85-100	75-100	60-90	30-70	30-40	10-15
	19-60	Very Fine Sandy Loam	CL-ML ML SC-SM SM	A-4	0	0	85-100	75-100	65-95	40-65	20-30	NP-10
2710: Ramires	0-5	Silt Loam	CL CL-ML	A-4	0	0	80-100	75-100	70-100	65-90	25-30	5-10
	5-24	Clay Loam Gravelly Clay Loam	CL	A-7	0	0	65-90	60-85	55-80	50-75	40-45	15-20
	24-40	Very Cobbly Loam	CL CL-ML GC-GM	A-4	0	40-50	65-75	60-70	50-65	45-60	25-30	5-10
	40-50	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Northwest Elko County Area, Nevada, Part Of Elko And Eureka Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches Pct	3-10 Inches Pct	4	10	40	200		
2710: Bartome	In											
	0-7	Very Fine Sandy Loam	CL-ML ML SC-SM SM	A-4	0	0	80-100	75-100	65-95	45-65	20-30	NP-10
	7-14	Silty Clay Loam	CL	A-6	0	0	80-100	75-100	70-90	65-85	35-40	15-20
	14-28	Indurated	---	---	---	---	---	---	---	---	---	---
	28-42	Cemented	---	---	---	---	---	---	---	---	---	---
Bilbo	0-5	Very Gravelly Very Fine Sandy Loam	GC GC-GM	A-2	0	0-10	40-65	30-50	25-50	10-35	20-30	5-10
	5-40	Very Gravelly Clay Loam Very Gravelly Sandy Clay Very Gravelly Clay	GC	A-2 A-7	0	0-25	45-65	35-50	30-45	20-40	40-55	20-35
	40-60	Extremely Gravelly Loamy Sand Very Gravelly Sandy Loam	GM GP-GM	A-1	0	0-10	30-60	15-50	10-40	5-20	15-25	NP-5
2711: Ramires	0-5	Silt Loam	CL CL-ML	A-4	0	0	80-100	75-100	70-100	65-90	25-30	5-10
	5-24	Clay Loam Gravelly Clay Loam	CL	A-7	0	0	65-90	60-85	55-80	50-75	40-45	15-20
	24-40	Very Cobbly Loam	CL CL-ML GC-GM	A-4	0	40-50	65-75	60-70	50-65	45-60	25-30	5-10
	40-50	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Northwest Elko County Area, Nevada, Part Of Elko And Eureka Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
2711: Bilbo	In											
	0-5	Very Gravelly Very Fine Sandy Loam	GC GC-GM	A-2	0	0-10	40-65	30-50	25-50	10-35	20-30	5-10
	5-40	Very Gravelly Clay Very Gravelly Clay Loam Very Gravelly Sandy Clay	GC	A-2 A-7	0	0-25	45-65	35-50	30-45	20-40	40-55	20-35
	40-60	Extremely Gravelly Loamy Sand Very Gravelly Sandy Loam	GM GP-GM	A-1	0	0-10	30-60	15-50	10-40	5-20	15-25	NP-5
Buffaran	0-5	Very Fine Sandy Loam	CL CL-ML SC-SM	A-4	0	0	80-100	75-100	65-95	45-65	20-25	5-10
	5-18	Silty Clay Loam Clay Clay Loam	CH CL	A-7	0	0	80-95	75-90	70-90	65-85	40-55	15-30
	18-25	Indurated	---	---	---	---	---	---	---	---	---	---
	25-60	Cemented	---	---	---	---	---	---	---	---	---	---
2741: Wilsor	0-7	Loam	CL CL-ML	A-4	0	0	80-100	75-100	60-90	50-80	25-30	5-10
	7-17	Clay Loam Loam	CL	A-6 A-7	0	0	80-100	75-100	60-90	50-80	35-45	15-25
	17-46	Loam Gravelly Loam Gravelly Sandy Loam	CL CL-ML GC GC-GM SC	A-2 A-4 A-6	0	0	60-90	55-85	45-70	25-55	25-35	5-15
	46-56	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Northwest Elko County Area, Nevada, Part Of Elko And Eureka Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct					Pct	
2741: Wilsor	In											
	0-7	Loam	CL CL-ML	A-4	0	0	80-100	75-100	60-90	50-80	25-30	5-10
	7-17	Loam	CL	A-6	0	0	80-100	75-100	60-90	50-80	35-45	15-25
	17-46	Clay Loam	A-7									
		Gravelly Loam	CL	A-2	0	0	60-90	55-85	45-70	25-55	25-35	5-15
		Gravelly Sandy Loam	CL-ML	A-4								
		Loam	GC	A-6								
			GC-GM									
			SC									
	46-56	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
2751: Yuko	0-4	Sandy Loam	SC-SM SM	A-2 A-4	0	0	80-100	75-100	55-70	30-40	20-30	NP-10
	4-14	Silt Loam	CL	A-6	0-5	0-5	90-100	80-100	75-95	70-85	35-45	15-25
		Clay Loam	A-7									
	14-18	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
Chime	0-6	Gravelly Loam	CL GC	A-6	0	0	60-80	55-75	50-70	40-60	25-35	10-15
	6-15	Clay Loam	CL	A-6	0	0	75-90	70-85	65-80	55-70	35-45	15-20
		Gravelly Clay Loam	A-7									
	15-22	Loam	CL	A-6	0	0	75-95	70-90	60-75	40-60	25-35	10-15
		Gravelly Loam	SC									
		Clay Loam										
	22-32	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Northwest Elko County Area, Nevada, Part Of Elko And Eureka Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
2751: Clurde	0-6	Very Fine Sandy Loam	CL CL-ML SC-SM	A-4	0	0	80-100	75-100	65-95	45-65	25-30	5-10
	6-29	Loam Sandy Clay Loam Silt Loam	CL SC	A-6	0	0	80-100	75-100	65-90	40-55	30-40	10-20
	29-43	Coarse Sandy Loam	SC SC-SM	A-2 A-4	0	0	80-100	75-100	50-70	30-40	20-25	5-10
	43-60	Gravelly Loamy Sand Loamy Sand	SM	A-1 A-2	0	0	70-90	60-85	40-65	15-30	---	NP
2775: Zevadez	0-10	Very Fine Sandy Loam	CL-ML ML SC-SM	A-4	0	0	85-100	75-100	65-95	40-65	20-30	NP-10
	10-19	Loam Clay Loam Sandy Clay Loam	CL SC	A-2 A-6	0	0	85-100	75-100	60-90	30-70	30-40	10-15
	19-60	Very Fine Sandy Loam	CL-ML ML SC-SM SM	A-4	0	0	85-100	75-100	65-95	40-65	20-30	NP-10
Bartome	0-7	Very Fine Sandy Loam	CL-ML ML SC-SM	A-4	0	0	80-100	75-100	65-95	45-65	20-30	NP-10
	7-14	Silty Clay Loam	SM CL									
	14-28	Indurated	CL	A-6	0	0	80-100	75-100	70-90	65-85	35-40	15-20
	28-42	Cemented	---	---	---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Northwest Elko County Area, Nevada, Part Of Elko And Eureka Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
2775: Wieland	In											
	0-4	Loam	CL-ML ML	A-4	0	0	90-100	75-100	70-90	50-75	20-30	NP-10
	4-30	Clay Gravelly Clay	CH SC	A-7	0	0-5	75-95	55-90	50-80	45-75	50-60	25-35
	30-60	Loam Gravelly Loam Gravelly Sandy Loam	CL-ML SC SC-SM	A-2 A-4	0	0-5	65-95	55-90	40-85	25-70	20-30	5-10
2776: Zevadez	0-10	Very Fine Sandy Loam	CL-ML ML SC-SM	A-4	0	0	85-100	75-100	65-95	40-65	20-30	NP-10
	10-19	Loam Clay Loam Sandy Clay Loam	CL SC	A-2 A-6	0	0	85-100	75-100	60-90	30-70	30-40	10-15
	19-60	Very Fine Sandy Loam	CL-ML ML SC-SM SM	A-4	0	0	85-100	75-100	65-95	40-65	20-30	NP-10
Chiara	0-6	Very Fine Sandy Loam	ML	A-4	0	0	95-100	90-100	85-95	70-80	25-35	NP-5
	6-17	Loam Silt Loam Very Fine Sandy Loam	ML	A-4	0	0	95-100	90-100	80-95	70-80	25-35	NP-5
	17-21	Indurated	---	---	---	---	---	---	---	---	---	---
2777:												

Table H. - Engineering Index Properties - Continued

Northwest Elko County Area, Nevada, Part Of Elko And Eureka Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
2777: Zevadez	In											
	0-10	Very Fine Sandy Loam	CL-ML ML SC-SM	A-4	0	0	85-100	75-100	65-95	40-65	20-30	NP-10
	10-19	Loam Clay Loam Sandy Clay Loam	CL CL SC	A-2 A-6	0	0	85-100	75-100	60-90	30-70	30-40	10-15
	19-60	Very Fine Sandy Loam	CL-ML ML SC-SM SM	A-4	0	0	85-100	75-100	65-95	40-65	20-30	NP-10
Wieland	0-4	Loam	CL-ML ML	A-4	0	0	90-100	75-100	70-90	50-75	20-30	NP-10
	4-30	Gravelly Clay Clay	CH SC	A-7	0	0-5	75-95	55-90	50-80	45-75	50-60	25-35
	30-60	Gravelly Sandy Loam Loam Gravelly Loam	CL-ML SC SC-SM	A-2 A-4	0	0-5	65-95	55-90	40-85	25-70	20-30	5-10
Clurde	0-6	Very Fine Sandy Loam	CL CL-ML SC-SM	A-4	0	0	80-100	75-100	65-95	45-65	25-30	5-10
	6-29	Sandy Clay Loam Silt Loam Loam	CL SC	A-6	0	0	80-100	75-100	65-90	40-55	30-40	10-20
	29-43	Coarse Sandy Loam	SC SC-SM	A-2 A-4	0	0	80-100	75-100	50-70	30-40	20-25	5-10
	43-60	Loamy Sand Gravelly Loamy Sand	SM A-1 A-2	A-1 A-2	0	0	70-90	60-85	40-65	15-30	---	NP

2778:

Table H. - Engineering Index Properties - Continued

Northwest Elko County Area, Nevada, Part Of Elko And Eureka Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches Pct	3-10 Inches Pct	4	10	40	200		
2778: Zevadez	In											
	0-10	Very Fine Sandy Loam	CL-ML ML SC-SM	A-4	0	0	85-100	75-100	65-95	40-65	20-30	NP-10
	10-19	Loam Clay Loam Sandy Clay Loam	CL SC	A-2 A-6	0	0	85-100	75-100	60-90	30-70	30-40	10-15
	19-60	Very Fine Sandy Loam	CL-ML ML SC-SM SM	A-4	0	0	85-100	75-100	65-95	40-65	20-30	NP-10
Yuko	0-4	Sandy Loam	SC-SM SM	A-2 A-4	0	0	80-100	75-100	55-70	30-40	20-30	NP-10
	4-14	Silt Loam Clay Loam	CL	A-6 A-7	0-5	0-5	90-100	80-100	75-95	70-85	35-45	15-25
	14-18	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
Kelk	0-13	Very Fine Sandy Loam	CL CL-ML	A-4	0	0	100	100	95-100	65-75	25-30	5-10
	13-48	Silt Loam	CL CL-ML	A-4 A-6	0	0	95-100	95-100	95-100	85-95	25-35	5-15
	48-60	Silt Loam	CL CL-ML	A-4 A-6	0	0	95-100	90-100	85-100	75-95	25-35	5-15
2780:												

Table H. - Engineering Index Properties - Continued

Northwest Elko County Area, Nevada, Part Of Elko And Eureka Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct					Pct	
2780: Snowmore	In											
	0-4	Cobbly Fine Sandy Loam	SC SC-SM	A-4	0-5	25-40	85-95	80-90	60-70	35-50	20-30	5-10
	4-13	Loam Clay Loam	CL	A-6	0	0-10	90-100	85-100	70-90	50-75	30-40	10-20
	13-22	Loam Gravelly Loam Gravelly Clay Loam	CL GC	A-6 A-7	0	0-10	70-100	65-100	55-80	45-75	35-45	15-25
	22-28	Indurated	---	---	---	---	---	---	---	---	---	---
	28-38	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Snowmore	0-4	Very Fine Sandy Loam	CL CL-ML	A-4	0	0-10	90-100	85-100	70-85	50-65	25-30	5-10
	4-13	Loam Clay Loam Sandy Clay Loam	CL	A-6	0	0-10	90-100	85-100	70-90	50-75	30-40	10-15
	13-22	Loam Gravelly Loam Gravelly Clay Loam	CL GC	A-6 A-7	0	0-10	70-100	60-100	50-80	40-75	35-45	15-25
	22-29	Indurated	---	---	---	---	---	---	---	---	---	---
	29-39	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
2781: Snowmore	0-4	Cobbly Fine Sandy Loam	SC SC-SM	A-4	0-5	25-40	85-95	80-90	60-70	35-50	20-30	5-10
	4-13	Loam Clay Loam	CL	A-6	0	0-10	90-100	85-100	70-90	50-75	30-40	10-20
	13-22	Gravelly Loam Gravelly Clay Loam Loam	CL GC	A-6 A-7	0	0-10	70-100	65-100	55-80	45-75	35-45	15-25
	22-28	Indurated	---	---	---	---	---	---	---	---	---	---
	28-38	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Northwest Elko County Area, Nevada, Part Of Elko And Eureka Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches Pct	3-10 Inches Pct	4	10	40	200		
			In									
2781: Snowmore	0-4	Very Cobbly Loam	CL CL-ML GC GC-GM	A-4 A-6	0-5	40-50	70-85	65-80	55-75	45-60	25-35	5-15
	4-13	Loam Clay Loam	CL	A-6	0	0-10	90-100	85-100	70-90	50-75	30-40	10-20
	13-22	Loam Gravelly Loam Gravelly Clay Loam	CL GC	A-6 A-7	0	0-10	70-100	65-100	55-80	45-75	35-45	15-25
	22-28	Indurated	---	---	---	---	---	---	---	---	---	---
	28-38	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Snowmore	0-4	Very Fine Sandy Loam	CL CL-ML	A-4	0	0-10	90-100	85-100	70-85	50-65	25-30	5-10
	4-13	Loam Clay Loam Sandy Clay Loam	CL	A-6	0	0-10	90-100	85-100	70-90	50-75	30-40	10-15
	13-22	Loam Gravelly Loam Gravelly Clay Loam	CL GC	A-6 A-7	0	0-10	70-100	60-100	50-80	40-75	35-45	15-25
	22-29	Indurated	---	---	---	---	---	---	---	---	---	---
	29-39	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
2782:												

Table H. - Engineering Index Properties - Continued

Northwest Elko County Area, Nevada, Part Of Elko And Eureka Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
2782: Snowmore	In											
	0-4	Very Fine Sandy Loam	CL CL-ML	A-4	0	0-10	90-100	85-100	70-85	50-65	25-30	5-10
	4-13	Clay Loam Sandy Clay Loam Loam	CL	A-6	0	0-10	90-100	85-100	70-90	50-75	30-40	10-15
	13-22	Gravelly Loam Gravelly Clay Loam Loam	CL GC	A-6 A-7	0	0-10	70-100	60-100	50-80	40-75	35-45	15-25
	22-29 29-39	Indurated Unweathered Bedrock	--- ---	--- ---	--- ---	--- ---	--- ---	--- ---	--- ---	--- ---	--- ---	---
Zevadez	0-10	Very Fine Sandy Loam	CL-ML ML SC-SM SM	A-4	0	0	85-100	75-100	65-95	40-65	20-30	NP-10
	10-19	Loam Clay Loam Sandy Clay Loam	CL SC	A-2 A-6	0	0	85-100	75-100	60-90	30-70	30-40	10-15
	19-60	Very Fine Sandy Loam	CL-ML ML SC-SM SM	A-4	0	0	85-100	75-100	65-95	40-65	20-30	NP-10
Snowmore	0-4	Cobbly Fine Sandy Loam	SC SC-SM	A-4	0-5	25-40	85-95	80-90	60-70	35-50	20-30	5-10
	4-13	Loam Clay Loam	CL	A-6	0	0-10	90-100	85-100	70-90	50-75	30-40	10-20
	13-22	Loam Gravelly Loam Gravelly Clay Loam	CL GC	A-6 A-7	0	0-10	70-100	65-100	55-80	45-75	35-45	15-25
	22-28 28-38	Indurated Unweathered Bedrock	--- ---	--- ---	--- ---	--- ---	--- ---	--- ---	--- ---	--- ---	--- ---	---

Table H. - Engineering Index Properties - Continued

Northwest Elko County Area, Nevada, Part Of Elko And Eureka Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct					Pct	
2783: Snowmore	In											
	0-4	Very Fine Sandy Loam	CL	A-4	0	0-10	90-100	85-100	70-85	50-65	25-30	5-10
	4-13	Loam Clay Loam Sandy Clay Loam	CL-ML CL	A-6	0	0-10	90-100	85-100	70-90	50-75	30-40	10-15
	13-22	Gravelly Clay Loam Loam	CL GC	A-6 A-7	0	0-10	70-100	60-100	50-80	40-75	35-45	15-25
	22-29	Gravelly Loam										
	29-39	Indurated Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Willhill	0-6	Gravelly Loam	GC-GM GM	A-4	0	0-10	55-75	50-75	40-60	35-50	20-30	NP-10
	6-11	Very Gravelly Clay Loam Gravelly Clay Loam Very Cobbly Clay Loam	CL CL-ML GC	A-4 A-6	0-5	15-50	65-85	60-80	55-80	40-65	25-40	5-20
	11-23	Extremely Gravelly Loam Extremely Cobbly Loam	GC-GM GC	A-2	0-5	30-50	25-45	20-40	20-35	15-30	20-30	5-15
	23-27	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
2790: Old Camp	0-6	Extremely Stony Loam	GC-GM GM	A-2 A-4	25-50	10-20	60-70	55-65	50-60	30-40	15-25	NP-10
	6-16	Very Stony Clay Loam Very Cobbly Clay Loam Extremely Stony Sandy Clay Loam	GC	A-2 A-6	15-25	20-30	40-55	35-50	30-45	25-40	30-40	15-25
	16-20	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Northwest Elko County Area, Nevada, Part Of Elko And Eureka Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches Pct	3-10 Inches Pct	4	10	40	200		
2790: Troughs	In											
	0-2	Gravelly Loam	CL GC	A-6	0	0-5	55-80	50-75	40-70	35-60	30-35	10-15
	2-14	Cobbly Clay Loam	CL	A-2	0-5	15-50	45-85	40-80	35-75	30-60	35-45	15-20
		Very Cobbly Clay Loam	GC	A-6								
		Very Gravelly Clay Loam	SC	A-7								
	14-20	Indurated	---	---	---	---	---	---	---	---	---	---
	20-24	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Olac	0-4	Very Stony Loam	GC	A-2	5-25	5-20	40-60	35-55	25-40	20-30	25-30	10-15
	4-14	Extremely Gravelly Clay Loam	GC	A-2	5-10	10-20	30-45	20-35	15-30	10-25	30-40	15-20
	14-18	Extremely Gravelly Loam Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
2801: Bartome	0-7	Very Fine Sandy Loam	CL-ML ML SC-SM SM	A-4	0	0	80-100	75-100	65-95	45-65	20-30	NP-10
	7-14	Silty Clay Loam	CL	A-6	0	0	80-100	75-100	70-90	65-85	35-40	15-20
	14-28	Indurated	---	---	---	---	---	---	---	---	---	---
	28-42	Cemented	---	---	---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Northwest Elko County Area, Nevada, Part Of Elko And Eureka Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches Pct	3-10 Inches Pct	4	10	40	200		
2801: Alley	0-7	Gravelly Loam	GC-GM GM SC-SM SM	A-4	0	0-5	60-85	50-75	45-60	40-50	20-30	NP-10
	7-20	Gravelly Clay Loam	GC	A-6	0	0-10	65-80	55-75	50-65	35-50	30-40	10-15
	20-40	Gravelly Loam Gravelly Sandy Loam	SC GC-GM GM SC-SM SM	A-2	0	0-10	60-70	50-60	35-45	25-35	20-30	NP-10
	40-60	Very Gravelly Sandy Loam	GM	A-1	0	0-10	30-55	25-50	15-40	10-25	---	NP
	0-6	Very Fine Sandy Loam	CL CL-ML SC-SM	A-4	0	0	80-100	75-100	65-95	45-65	25-30	5-10
Clurde	6-29	Loam Silt Loam Sandy Clay Loam	CL SC	A-6	0	0	80-100	75-100	65-90	40-55	30-40	10-20
	29-43	Coarse Sandy Loam	SC SC-SM	A-2 A-4	0	0	80-100	75-100	50-70	30-40	20-25	5-10
	43-60	Loamy Sand Gravelly Loamy Sand	SM	A-1 A-2	0	0	70-90	60-85	40-65	15-30	---	NP
	0-7	Very Fine Sandy Loam	CL-ML ML SC-SM SM	A-4	0	0	80-100	75-100	65-95	45-65	20-30	NP-10
2802: Bartome	7-14	Silty Clay Loam	CL	A-6	0	0	80-100	75-100	70-90	65-85	35-40	15-20
	14-28	Indurated	---	---	---	---	---	---	---	---	---	---
	28-42	Cemented	---	---	---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Northwest Elko County Area, Nevada, Part Of Elko And Eureka Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
2802: Buffaran	In											
	0-5	Very Fine Sandy Loam	CL CL-ML SC-SM	A-4	0	0	80-100	75-100	65-95	45-65	20-25	5-10
	5-18	Clay Clay Loam Silty Clay Loam	CH CL	A-7	0	0	80-95	75-90	70-90	65-85	40-55	15-30
	18-25 25-60	Indurated Cemented	--- ---	--- ---	--- ---	--- ---	--- ---	--- ---	--- ---	--- ---	--- ---	---
2803: Bartome	0-7	Very Fine Sandy Loam	CL-ML ML SC-SM SM	A-4	0	0	80-100	75-100	65-95	45-65	20-30	NP-10
	7-14	Silty Clay Loam	CL	A-6	0	0	80-100	75-100	70-90	65-85	35-40	15-20
	14-28	Indurated	---	---	---	---	---	---	---	---	---	---
	28-42	Cemented	---	---	---	---	---	---	---	---	---	---
Buffaran	0-5	Very Fine Sandy Loam	CL CL-ML SC-SM	A-4	0	0	80-100	75-100	65-95	45-65	20-25	5-10
	5-18	Silty Clay Loam Clay Clay Loam	CH CL	A-7	0	0	80-95	75-90	70-90	65-85	40-55	15-30
	18-25	Indurated	---	---	---	---	---	---	---	---	---	---
	25-60	Cemented	---	---	---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Northwest Elko County Area, Nevada, Part Of Elko And Eureka Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
2803: Ramires	In											
	0-5	Silt Loam	CL CL-ML	A-4	0	0	80-100	75-100	70-100	65-90	25-30	5-10
	5-24	Clay Loam Gravelly Clay Loam	CL	A-7	0	0	65-90	60-85	55-80	50-75	40-45	15-20
	24-40	Very Cobbly Loam	CL CL-ML GC-GM	A-4	0	40-50	65-75	60-70	50-65	45-60	25-30	5-10
	40-50	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
2804: Bartome	0-7	Very Fine Sandy Loam	CL-ML ML SC-SM SM	A-4	0	0	80-100	75-100	65-95	45-65	20-30	NP-10
	7-14	Silty Clay Loam	CL	A-6	0	0	80-100	75-100	70-90	65-85	35-40	15-20
	14-28	Indurated	---	---	---	---	---	---	---	---	---	---
	28-42	Cemented	---	---	---	---	---	---	---	---	---	---
Chiara	0-6	Very Fine Sandy Loam	ML	A-4	0	0	95-100	90-100	85-95	70-80	25-35	NP-5
	6-17	Silt Loam Very Fine Sandy Loam Loam	ML	A-4	0	0	95-100	90-100	80-95	70-80	25-35	NP-5
	17-21	Indurated	---	---	---	---	---	---	---	---	---	---
2805: Bartome	0-7	Very Fine Sandy Loam	CL-ML ML SC-SM SM	A-4	0	0	80-100	75-100	65-95	45-65	20-30	NP-10
	7-14	Silty Clay Loam	CL	A-6	0	0	80-100	75-100	70-90	65-85	35-40	15-20
	14-28	Indurated	---	---	---	---	---	---	---	---	---	---
	28-42	Cemented	---	---	---	---	---	---	---	---	---	---

Distribution Generation Date:

Table H. - Engineering Index Properties - Continued

Northwest Elko County Area, Nevada, Part Of Elko And Eureka Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct					Pct	
2807: Bartome	0-7	Very Fine Sandy Loam	CL-ML ML SC-SM SM	A-4	0	0	80-100	75-100	65-95	45-65	20-30	NP-10
	7-14	Silty Clay Loam	CL	A-6	0	0	80-100	75-100	70-90	65-85	35-40	15-20
	14-28	Indurated	---	---	---	---	---	---	---	---	---	---
	28-42	Cemented	---	---	---	---	---	---	---	---	---	---
Coltroop	0-5	Very Fine Sandy Loam	SC SC-SM	A-4	0	0	90-100	75-100	70-90	40-50	25-30	5-10
	5-17	Silt Loam	CL	A-6	0	0	85-100	75-100	65-95	60-85	30-40	10-15
	17-32	Silty Clay Loam	---	---	---	---	---	---	---	---	---	---
	32-42	Indurated	---	---	---	---	---	---	---	---	---	---
Zevadez	0-10	Gravelly Loam	SC SC-SM	A-2 A-4 A-6	0	0	70-85	60-75	45-60	30-50	25-35	5-15
	10-19	Loam	CL	A-2	0	0	85-100	75-100	60-90	30-70	30-40	10-15
		Clay Loam	SC	A-6								
	19-60	Sandy Clay Loam	CL-ML ML SC-SM SM	A-4	0	0	85-100	75-100	65-95	40-65	20-30	NP-10

2808:

Table H. - Engineering Index Properties - Continued

Northwest Elko County Area, Nevada, Part Of Elko And Eureka Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct					Pct	
2808: Bartome	0-7	Very Fine Sandy Loam	CL-ML ML SC-SM SM	A-4	0	0	80-100	75-100	65-95	45-65	20-30	NP-10
	7-14	Silty Clay Loam	CL	A-6	0	0	80-100	75-100	70-90	65-85	35-40	15-20
	14-28	Indurated	---	---	---	---	---	---	---	---	---	---
	28-42	Cemented	---	---	---	---	---	---	---	---	---	---
Susie Creek	0-10	Very Fine Sandy Loam	CL-ML ML	A-4	0	0	90-100	75-100	70-95	50-65	20-30	NP-10
	10-30	Clay Loam	CH	A-7	0	0-10	90-100	85-100	70-100	70-95	40-60	20-30
	30-60	Clay Loam	CL	A-4	0	0-10	90-100	85-100	65-85	50-70	25-35	5-15
Wieland			CL-ML	A-6								
	0-4	Very Fine Sandy Loam	CL-ML ML SC-SM SM	A-4	0	0	90-100	80-95	75-90	45-60	15-30	NP-10
	4-30	Gravelly Clay	CH	A-7	0	0-5	75-95	55-90	50-80	45-75	50-60	25-35
	30-60	Clay Loam	SC									
2809: Bartome			CL-ML	A-2	0	0-5	65-95	55-90	40-85	25-70	20-30	5-10
			CL-ML	A-4								
			SC									
			SC-SM									
2809: Bartome	0-7	Silt Loam	CL-ML ML SC-SM SM	A-4	0	0	80-100	75-100	65-95	45-65	20-30	NP-10
	7-14	Silty Clay Loam	CL	A-6	0	0	80-100	75-100	70-90	65-85	35-40	15-20
	14-28	Indurated	---	---	---	---	---	---	---	---	---	---
	28-42	Cemented	---	---	---	---	---	---	---	---	---	---

Distribution Generation Date:

Table H. - Engineering Index Properties - Continued

Northwest Elko County Area, Nevada, Part Of Elko And Eureka Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
2809:	In											
Dacker	0-6	Silt Loam	CL CL-ML ML	A-4	0	0-5	90-100	85-100	75-100	60-90	25-35	5-10
	6-25	Silty Clay Loam Gravelly Silty Clay Loam	CL	A-6	0	0-5	75-100	70-90	65-90	60-85	35-40	15-20
	25-32	Silt Loam Silty Clay Loam Gravelly Silt Loam	CL GC	A-6	0	0-5	55-100	50-90	45-90	40-85	35-40	15-20
	32-60	Indurated	---	---	---	---	---	---	---	---	---	---
2820:												
Alley	0-7	Very Stony Loam	SM	A-4	15-25	10-15	80-90	65-80	50-60	35-45	25-30	NP-5
	7-20	Gravelly Clay Loam Gravelly Sandy Clay Loam Gravelly Loam	GC SC	A-6	0	0-10	65-80	55-75	50-65	35-50	30-35	15-20
	20-40	Cobbly Fine Sandy Loam Gravelly Sandy Loam Gravelly Fine Sandy Loam	GM SM	A-2 A-4	0-10	0-40	60-85	50-80	35-75	25-40	25-30	NP-5
	40-60	Very Cobbly Fine Sandy Loam	SM	A-2	0-15	30-45	70-75	60-70	45-55	25-35	25-30	NP-5
Vanwyper	0-10	Very Stony Loam	CL	A-6	5-25	0-15	70-95	65-85	60-80	50-65	25-35	10-15
	10-25	Very Cobbly Clay Very Cobbly Clay Loam	CH CL GC	A-7	0-15	30-55	55-75	50-65	45-60	40-55	40-60	20-40
	25-29	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Rock Outcrop	---				---	---	---	---	---	---	---	---
2822:												

Table H. - Engineering Index Properties - Continued

Northwest Elko County Area, Nevada, Part Of Elko And Eureka Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct					Pct	
2822: Alley	0-7	Very Stony Loam	SM	A-4	15-25	10-15	80-90	65-80	50-60	35-45	25-30	NP-5
	7-20	Gravelly Clay Loam	GC	A-6	0	0-10	65-80	55-75	50-65	35-50	30-35	15-20
		Gravelly Sandy Clay Loam	SC									
		Gravelly Loam										
	20-40	Gravelly Sandy Loam	GM	A-2	0-10	0-40	60-85	50-80	35-75	25-40	25-30	NP-5
		Gravelly Fine Sandy Loam	SM	A-4								
		Cobbly Fine Sandy Loam										
	40-60	Very Cobbly Fine Sandy Loam	SM	A-2	0-15	30-45	70-75	60-70	45-55	25-35	25-30	NP-5
Rock Outcrop	---				---	---	---	---	---	---	---	---
Rubble Land	---				---	---	---	---	---	---	---	---
3000: Handy	0-10	Loam	CL	A-4	0	0-5	90-100	85-100	70-85	60-75	20-35	NP-15
			CL-ML	A-6								
	10-28	Gravelly Clay	CH	A-7	0	0-5	70-100	60-100	60-75	50-70	45-55	30-35
		Clay	CL									
	28-60	Stratified Gravelly Loam To	GM	A-1	0	0-5	35-65	30-60	20-55	10-35	15-25	NP-5
		Very Gravelly Loamy Sand		A-2								
Wilsor	0-7	Loam	CL	A-4	0	0	80-100	75-100	60-90	50-80	25-30	5-10
			CL-ML									
	7-17	Loam	CL	A-6	0	0	80-100	75-100	60-90	50-80	35-45	15-25
		Clay Loam		A-7								
	17-46	Gravelly Loam	CL	A-2	0	0	60-90	55-85	45-70	25-55	25-35	5-15
		Gravelly Sandy Loam	CL-ML	A-4								
		Loam	GC	A-6								
			GC-GM									
			SC									
	46-56	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Northwest Elko County Area, Nevada, Part Of Elko And Eureka Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
3000:	In											
Deseed	0-4	Gravelly Loam	CL	A-4	0	5-15	70-85	65-80	55-70	50-60	25-35	5-15
			CL-ML	A-6								
	4-26	Gravelly Clay	CL	A-7	0	0-10	60-80	55-75	50-70	45-70	40-50	20-30
		Gravelly Clay Loam	GC									
	26-30	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
3010:												
Relley	0-6	Silt Loam	CL	A-4	0	0	95-100	95-100	95-100	75-90	25-35	5-10
			CL-ML									
			ML									
	6-14	Silt Loam	CL	A-4	0	0	95-100	95-100	95-100	85-95	25-35	5-10
			CL-ML									
			ML									
	14-25	Silt Loam	CL	A-4	0	0	95-100	95-100	95-100	85-95	25-35	5-10
			CL-ML									
			ML									
	25-60	Silt Loam	CL	A-4	0	0	95-100	95-100	95-100	85-95	25-35	5-10
			CL-ML									
			ML									
Kelk	0-13	Very Fine Sandy Loam	CL	A-4	0	0	100	100	95-100	65-75	25-30	5-10
			CL-ML									
	13-48	Silt Loam	CL	A-4	0	0	95-100	95-100	95-100	85-95	25-35	5-15
			CL-ML	A-6								
	48-60	Silt Loam	CL	A-4	0	0	95-100	90-100	85-100	75-95	25-35	5-15
			CL-ML	A-6								
3020:												

Table H. - Engineering Index Properties - Continued

Northwest Elko County Area, Nevada, Part Of Elko And Eureka Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
3020: Sodhouse	In											
	0-6	Silt Loam	ML	A-4	0	0	90-100	85-100	80-90	60-75	20-25	NP-5
	6-19	Very Fine Sandy Loam	ML	A-4	0	0	80-100	75-100	60-90	50-60	20-25	NP-5
	19-25	Silt Loam Indurated	---	---	---	---	---	---	---	---	---	---
	25-56	Gravelly Sandy Loam	SM	A-2 A-4	---	0-10	65-80	60-75	50-65	25-40	15-25	NP-5
Chiara	0-6	Silt Loam	ML	A-4	0	0	95-100	90-100	85-95	70-80	25-35	NP-5
	6-17	Very Fine Sandy Loam	ML	A-4	0	0	95-100	90-100	80-95	70-80	25-35	NP-5
	17-21	Silt Loam Indurated	---	---	---	---	---	---	---	---	---	---
3030: Deepeek	0-5	Very Cobbly Loam	GC	A-2	0-5	30-40	55-70	50-65	40-55	30-45	25-30	5-10
	5-18	Very Cobbly Silty Clay	GC-GM	A-4								
		Very Cobbly Loam	GC	A-6	0-5	30-40	55-70	50-65	45-55	40-50	30-40	10-20
		Very Cobbly Silt Loam										
	18-24	Indurated	---	---	---	---	---	---	---	---	---	---
	24-42	Gravelly Silt Loam	CL-ML GC-GM GM ML	A-4	0	0	55-80	50-75	45-70	45-60	20-30	NP-10

Table H. - Engineering Index Properties - Continued

Northwest Elko County Area, Nevada, Part Of Elko And Eureka Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches Pct	3-10 Inches Pct	4	10	40	200		
3030: Alley	0-7	Very Cobbly Very Fine Sandy Loam	GC-GM GM SC-SM SM	A-2	0-5	25-40	55-75	50-70	45-65	25-35	20-30	NP-10
	7-20	Gravelly Clay Loam Gravelly Sandy Clay Loam Gravelly Loam	GC SC	A-6	0	0-10	65-80	55-75	50-65	35-50	30-35	15-20
	20-40	Gravelly Fine Sandy Loam Cobbly Fine Sandy Loam Gravelly Sandy Loam	GM SM	A-2 A-4	0-10	0-40	60-85	50-80	35-75	25-40	25-30	NP-5
	40-60	Very Cobbly Fine Sandy Loam	SM	A-2	0-15	15-45	70-75	60-70	45-55	25-35	25-30	NP-5
3100: Ratsow	0-7	Loam	CL CL-ML SC-SM	A-4	0	0	80-100	75-100	65-95	45-65	25-30	5-10
	7-29	Clay Loam Clay	CH CL	A-7	0	0	80-100	75-100	70-90	55-70	40-55	20-30
	29-30	Indurated	---	---	---	---	---	---	---	---	---	---
	30-34	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Quarz	0-6	Very Cobbly Loam	CL GC SC	A-6	0-10	25-50	60-85	55-80	50-70	35-60	25-35	10-20
	6-15	Very Cobbly Clay Loam Very Gravelly Clay Loam	GC	A-2 A-6 A-7	0-10	10-40	35-60	30-55	25-50	20-40	35-45	15-25
	15-21	Very Gravelly Clay Loam Very Gravelly Clay	GC	A-2 A-7	0-5	5-25	30-55	25-50	20-45	15-40	45-55	20-30
	21-25	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Northwest Elko County Area, Nevada, Part Of Elko And Eureka Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct					Pct	
3100: Susie Creek	0-10	Loam	CL	A-6	0	0	90-100	75-100	70-95	55-75	30-35	10-15
	10-30	Clay Loam	CH	A-7	0	0-10	90-100	85-100	70-100	70-95	40-60	20-30
		Clay	CL									
	30-60	Loam	CL	A-4	0	0-10	90-100	85-100	65-85	50-70	25-35	5-15
		Clay Loam	CL-ML	A-6								
3510: Midraw	0-2	Gravelly Loam	CL	A-6	0	0-10	65-80	60-75	55-65	45-55	25-35	10-15
			GC									
	2-19	Gravelly Clay Loam	CL	A-7	0	0-10	60-80	55-75	50-70	40-60	40-50	20-25
		Gravelly Clay	GC									
	19-25	Indurated	---	---	---	---	---	---	---	---	---	---
	25-29	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Troughs	0-2	Gravelly Loam	CL	A-6	0	0-5	55-80	50-75	40-70	35-60	30-35	10-15
			GC									
	2-14	Cobbly Clay Loam	CL	A-2	0-5	15-50	45-85	40-80	35-75	30-60	35-45	15-20
		Very Cobbly Clay Loam	GC	A-6								
		Very Gravelly Clay Loam	SC	A-7								
	14-19	Very Cobbly Loam	CL	A-2	0-15	40-75	50-95	45-90	40-85	30-70	25-40	5-15
		Extremely Cobbly Loam	CL-ML	A-4								
		Very Cobbly Clay Loam	GC	A-6								
			GC-GM									
	19-20	Indurated	---	---	---	---	---	---	---	---	---	---
	20-24	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Midraw	0-2	Gravelly Loam	CL	A-6	0	0-10	65-80	60-75	55-65	45-55	25-35	10-15
			GC									
	2-19	Gravelly Clay Loam	CL	A-7	0	0-10	60-80	55-75	50-70	40-60	40-50	20-25
		Gravelly Clay	GC									
	19-25	Indurated	---	---	---	---	---	---	---	---	---	---
	25-29	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Northwest Elko County Area, Nevada, Part Of Elko And Eureka Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct					Pct	
3710: Petan	0-6	Extremely Stony Loam	CL	A-6	25-55	10-30	70-90	65-85	60-70	50-60	25-35	10-15
	6-19	Very Stony Clay Very Cobbly Clay	CH	A-7	20-45	15-40	65-85	60-80	55-75	50-70	50-65	25-40
	19-20	Indurated	---	---	---	---	---	---	---	---	---	---
	20-30	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Bulake	0-7	Gravelly Loam	CL GC	A-6	0	0-10	60-80	55-75	50-75	40-60	25-35	10-15
	7-19	Clay Gravelly Clay	CH	A-7	0	0-10	60-95	55-90	55-85	50-80	50-60	30-40
	19-23	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Rock Outcrop	---				---	---	---	---	---	---	---	---
3715: Petan	0-6	Very Cobbly Loam	CL	A-6	1-5	40-55	70-90	65-85	60-70	50-60	25-35	10-15
	6-19	Very Cobbly Clay Very Stony Clay	CH	A-7	20-45	15-40	65-85	60-80	55-75	50-70	50-65	25-40
	19-20	Indurated	---	---	---	---	---	---	---	---	---	---
	20-30	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Deunah	0-9	Silt Loam	CL CL-ML	A-4 A-6	0	0-10	95-100	95-100	80-100	70-90	20-35	5-15
	9-26	Clay	CH	A-7	0	0-10	95-100	95-100	90-100	85-95	60-80	30-45
	26-33	Indurated	---	---	---	---	---	---	---	---	---	---
	33-37	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Northwest Elko County Area, Nevada, Part Of Elko And Eureka Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
3715: Hatpeak	In											
	0-10	Loam	CL	A-4	0	0	80-100	75-100	65-80	55-70	25-35	5-15
	10-30	Silty Clay Loam Silty Clay Clay	CL-ML CH CL	A-6 A-7	0	0-15	95-100	90-100	70-90	60-85	40-55	20-35
	30-60	Indurated	---	---	---	---	---	---	---	---	---	---
3721: Hatpeak	0-10	Loam	CL	A-4	0	0	80-100	75-100	65-80	55-70	25-35	5-15
	10-30	Clay Silty Clay Loam Silty Clay	CL-ML CH CL	A-6 A-7	0	0-15	95-100	90-100	70-90	60-85	40-55	20-35
	30-60	Indurated	---	---	---	---	---	---	---	---	---	---
Deunah	0-9	Silt Loam	CL	A-4	0	0-10	95-100	95-100	80-100	70-90	20-35	5-15
	9-26	Clay	CL-ML	A-6								
	26-33	Indurated	CH	A-7	0	0-10	95-100	95-100	90-100	85-95	60-80	30-45
	33-37	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
3722: Hatpeak	0-10	Loam	CL	A-4	0	0	80-100	75-100	65-80	55-70	25-35	5-15
	10-30	Silty Clay Loam Silty Clay Clay	CL-ML CH CL	A-6 A-7	0	0-15	95-100	90-100	70-90	60-85	40-55	20-35
	30-60	Indurated	---	---	---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Northwest Elko County Area, Nevada, Part Of Elko And Eureka Counties

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
3722: Hatpeak	In											
	0-10	Loam	CL	A-4	0	0	80-100	75-100	65-80	55-70	25-35	5-15
	10-30	Silty Clay Clay	CL-ML CH CL	A-6 A-7	0	0-15	95-100	90-100	70-90	60-85	40-55	20-35
	30-60	Silty Clay Loam Indurated										
W: Water												